

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021273.D
 Acq On : 29 Jun 2019 21:53
 Operator : HP/JU
 Sample : K3593-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C7BB8

Quant Time: Jun 30 00:28:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 29 23:19:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	317749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1358179	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	817666	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1632417	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1201213	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1448303	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	27150	4.06	ng/uL	0.00
5) Phenol-d5	6.93	99	734983	26.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	422357	25.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	617228	27.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	627519	27.18	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	326354	29.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	392390	32.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	738295	29.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	378227	14.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2250493	30.46	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2644386	29.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	271881	22.62	ng/ul	0.00
57) Fluorene-d10	15.40	176	1869259	29.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	210596	20.99	ng/ul	0.00
70) Anthracene-d10	17.25	188	2478875	29.22	ng/ul	0.00
78) Pyrene-d10	19.54	212	2197997	30.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2436723	28.52	ng/ul	0.00

Target Compounds

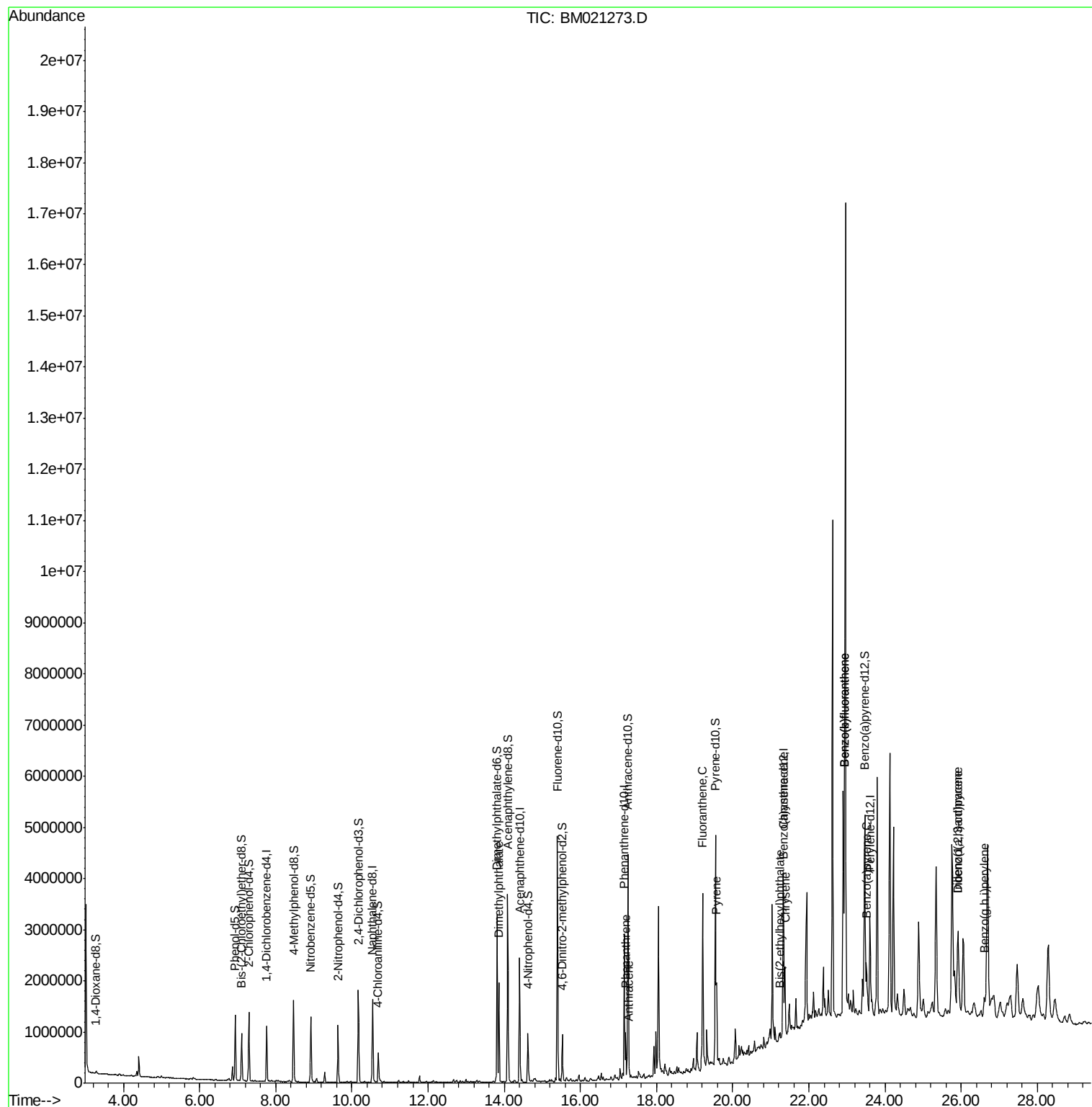
					Qvalue	
44) Dimethylphthalate	13.86	163	1249375	18.577	ng/ul	99
69) Phenanthrene	17.19	178	497192	5.507	ng/ul	99
71) Anthracene	17.28	178	111810	1.215	ng/ul	99
76) Fluoranthene	19.21	202	1430219	14.661	ng/ul	99
79) Pyrene	19.57	202	1200578	14.138	ng/ul	100
82) Benzo(a)anthracene	21.32	228	718075	8.768	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	47521	1.062	ng/ul#	97
84) Chrysene	21.37	228	799833	10.428	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	1323105	14.422	ng/ul#	96
88) Benzo(k)fluoranthene	22.93	252	1323105	14.991	ng/ul#	96
90) Benzo(a)pyrene	23.51	252	767390	8.887	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	623231	6.129	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.90	278	166640	1.948	ng/ul#	84
93) Benzo(g,h,i)perylene	26.61	276	503416	6.011	ng/ul	98

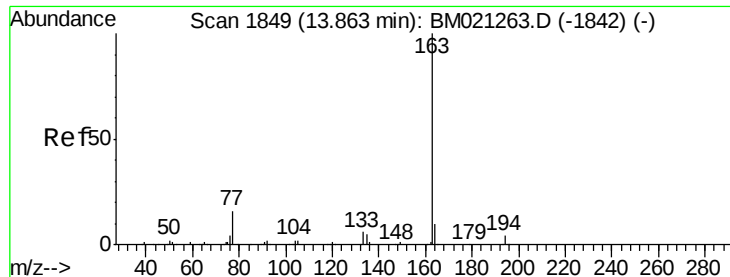
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 18.577 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

Instrument :

BNA_M

ClientSampleId :

C7BB8

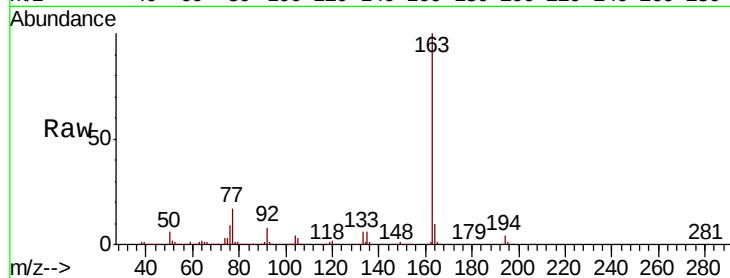
Tgt Ion:163 Resp: 1249375

Ion Ratio Lower Upper

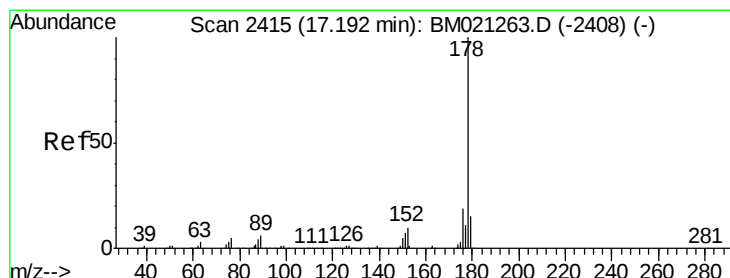
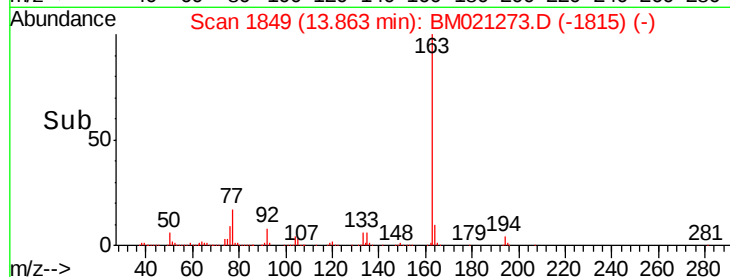
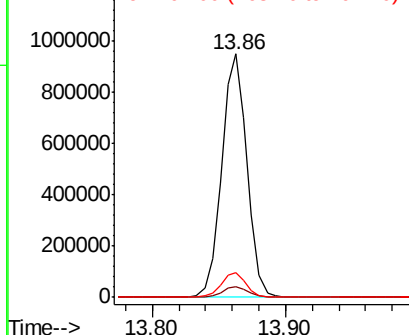
163 100

194 4.3 3.4 5.2

164 10.0 7.7 11.5



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



#69

Phenanthrene

Concen: 5.507 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

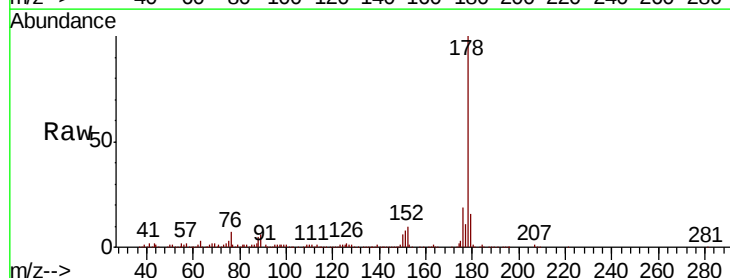
Tgt Ion:178 Resp: 497192

Ion Ratio Lower Upper

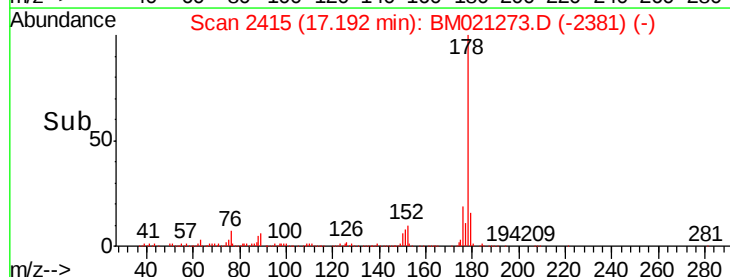
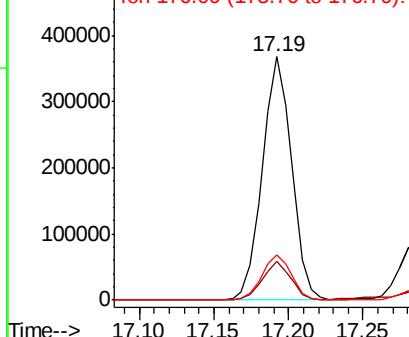
178 100

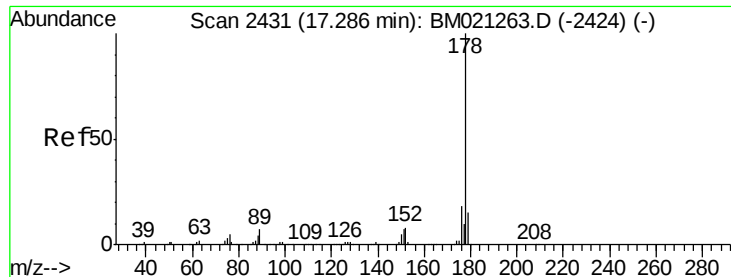
179 15.7 11.8 17.8

176 18.8 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

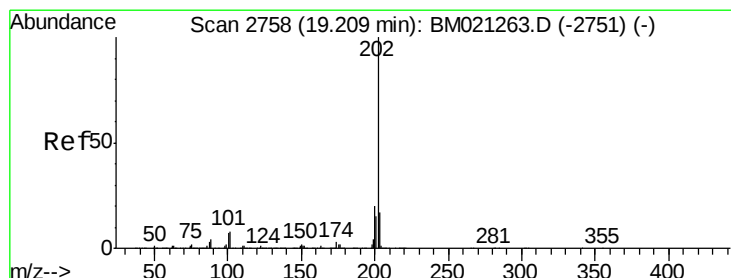
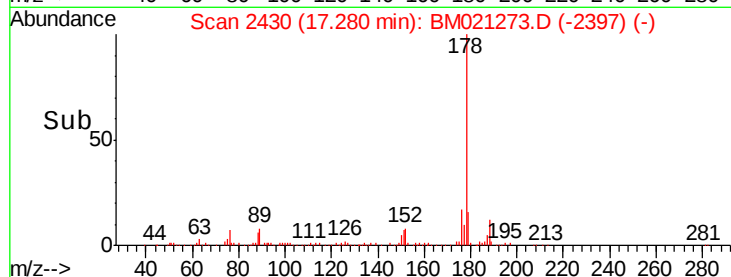
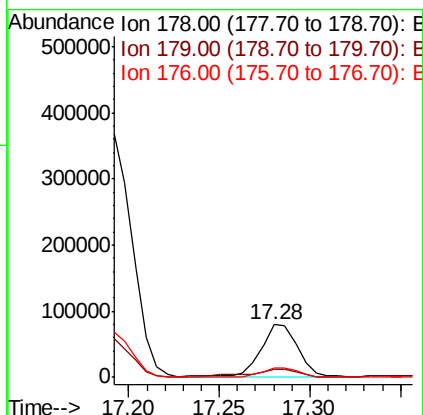
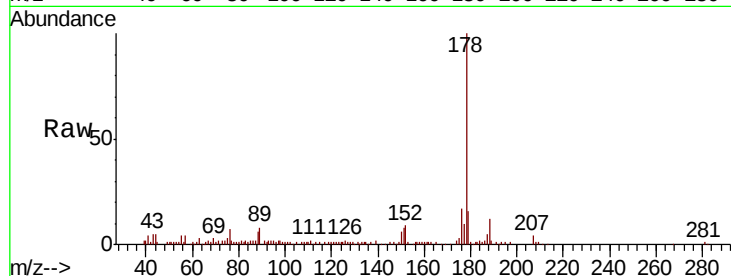




#71
 Anthracene
 Concen: 1.215 ng/ul
 RT: 17.28 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM021273.D
 Acq: 29 Jun 2019 21:53

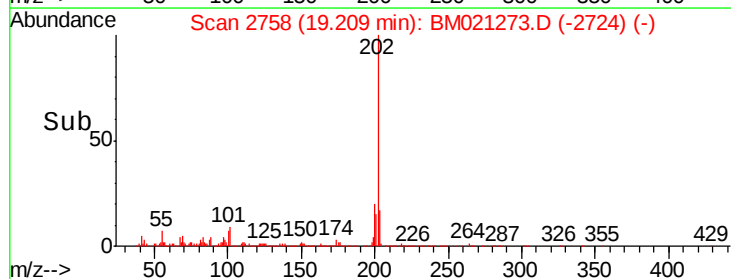
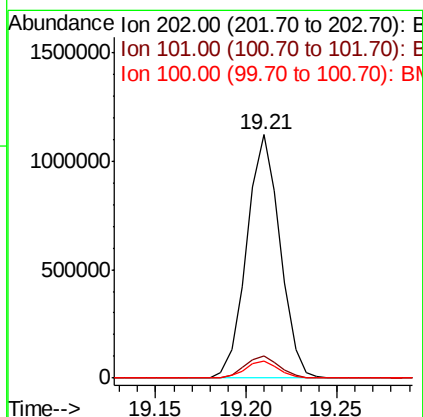
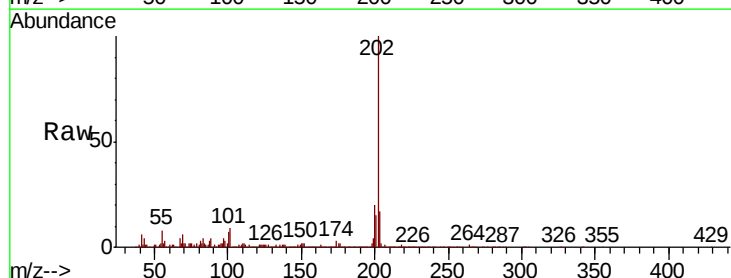
Instrument :
 BNA_M
 ClientSampleId :
 C7BB8

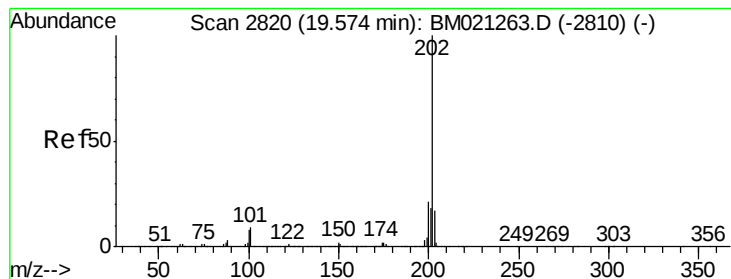
Tgt Ion:178 Resp: 111810
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.5 18.7
 176 17.2 14.6 21.8



#76
 Fluoranthene
 Concen: 14.661 ng/ul
 RT: 19.21 min Scan# 2758
 Delta R.T. 0.00 min
 Lab File: BM021273.D
 Acq: 29 Jun 2019 21:53

Tgt Ion:202 Resp: 1430219
 Ion Ratio Lower Upper
 202 100
 101 8.9 6.7 10.1
 100 6.8 5.5 8.3





#79

Pyrene

Concen: 14.138 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

Instrument :

BNA_M

ClientSampleId :

C7BB8

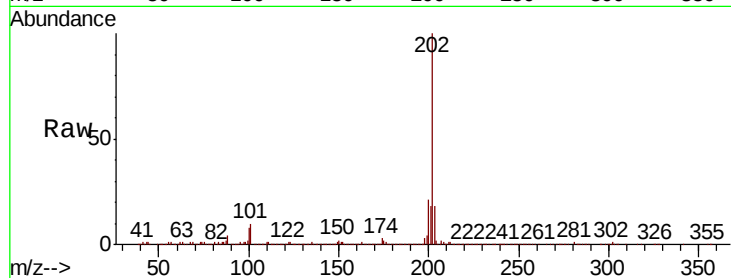
Tgt Ion:202 Resp: 1200578

Ion Ratio Lower Upper

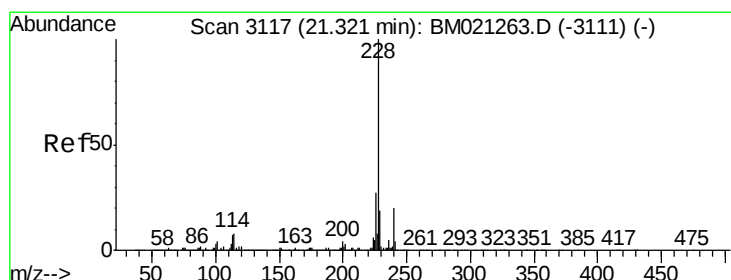
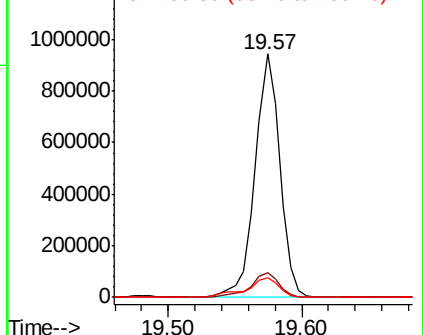
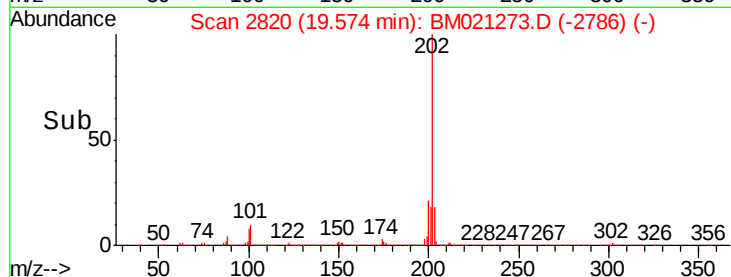
202 100

101 9.9 8.1 12.1

100 8.3 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: 8.768 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

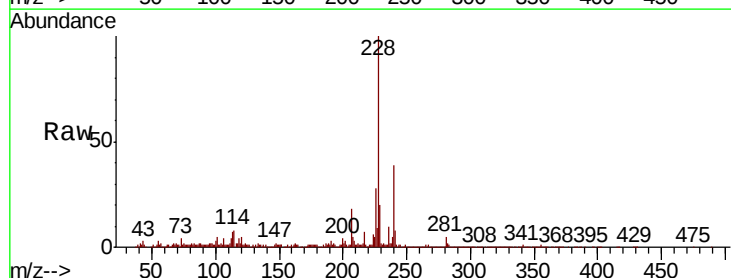
Tgt Ion:228 Resp: 718075

Ion Ratio Lower Upper

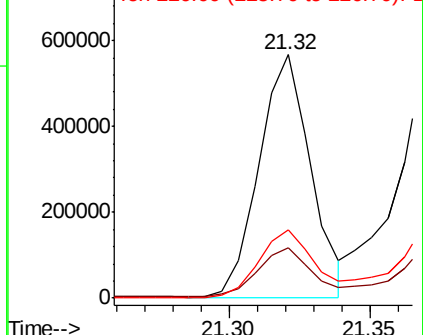
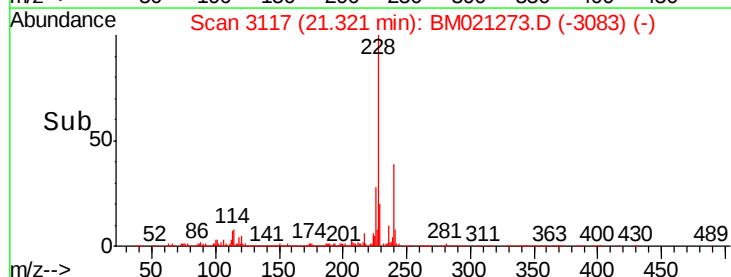
228 100

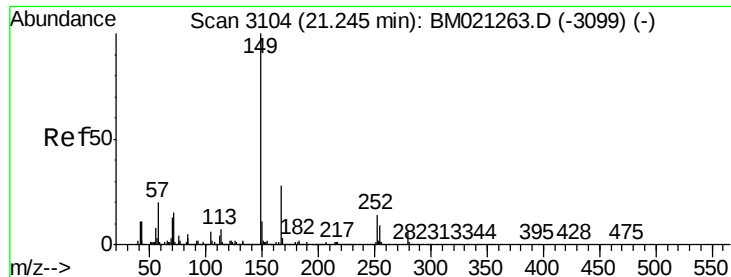
229 20.4 15.8 23.8

226 28.2 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: 1.062 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

Instrument :

BNA_M

ClientSampleId :

C7BB8

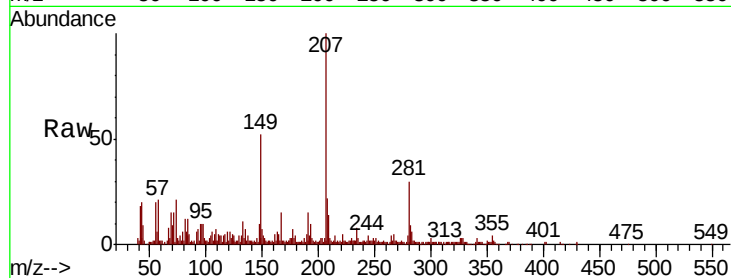
Tgt Ion:149 Resp: 47521

Ion Ratio Lower Upper

149 100

167 29.0 22.3 33.5

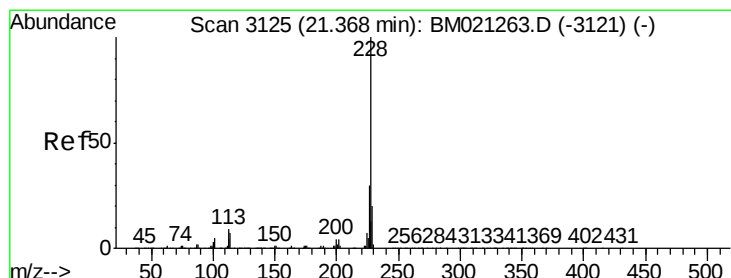
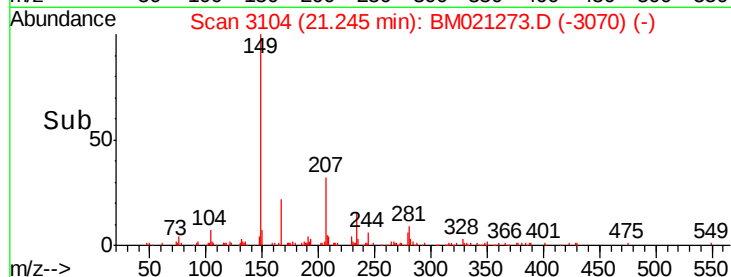
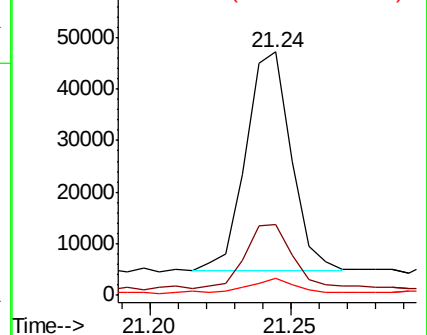
279 6.8 3.8 5.6#



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: 10.428 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

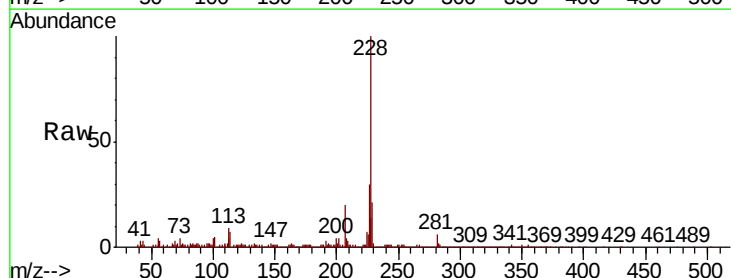
Tgt Ion:228 Resp: 799833

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

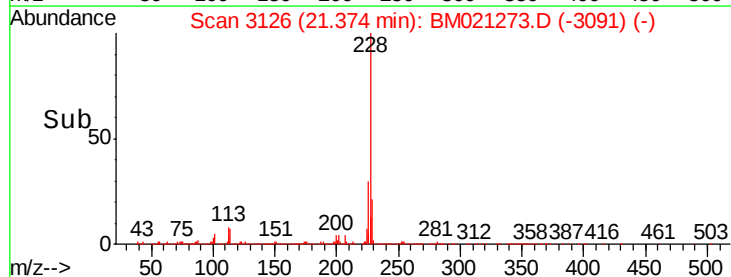
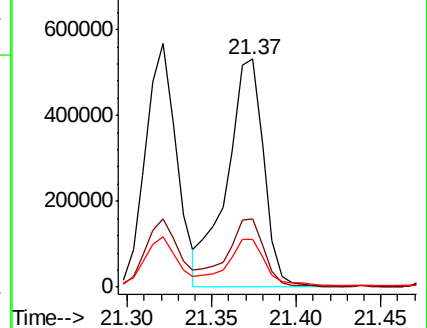
229 21.2 15.4 23.2

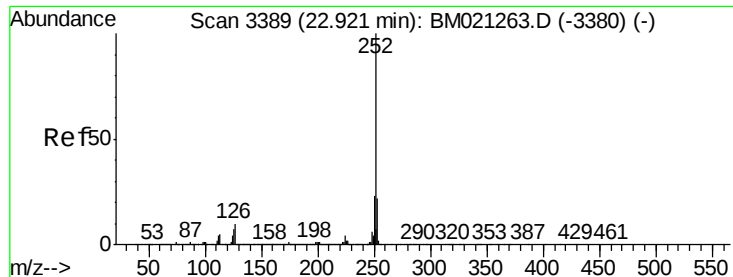


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 14.422 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

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BNA_M

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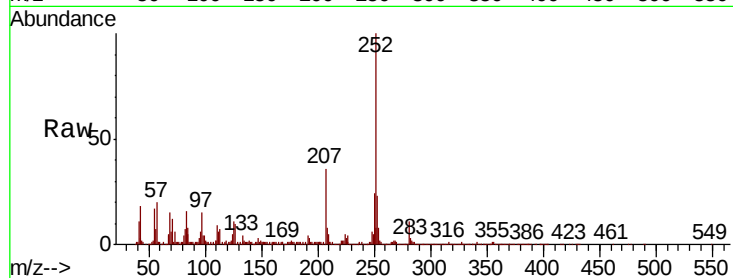
Tgt Ion:252 Resp: 1323105

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

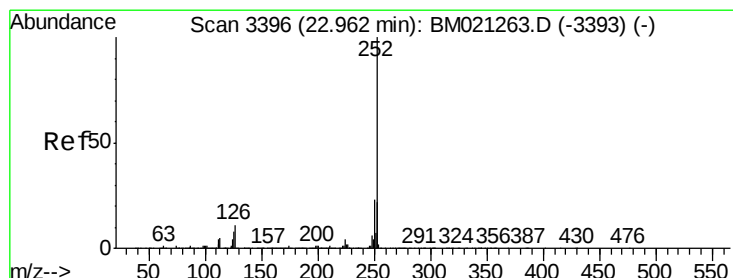
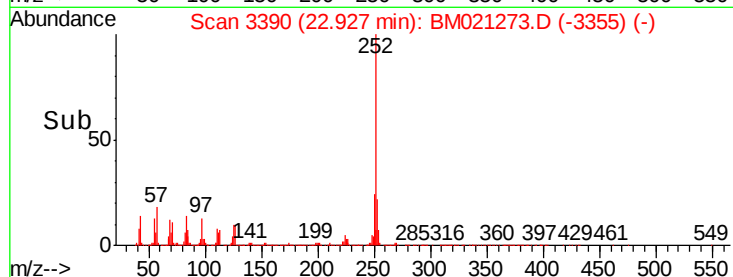
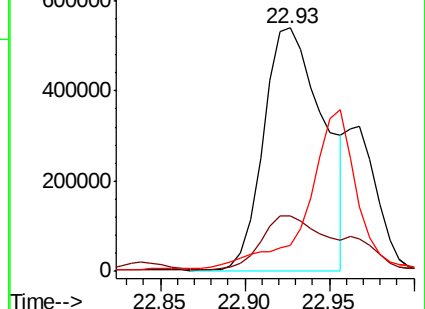
125 10.9 6.3 9.5#



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: 14.991 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.04 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

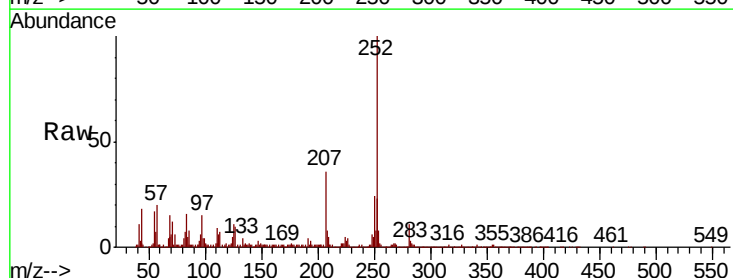
Tgt Ion:252 Resp: 1323105

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

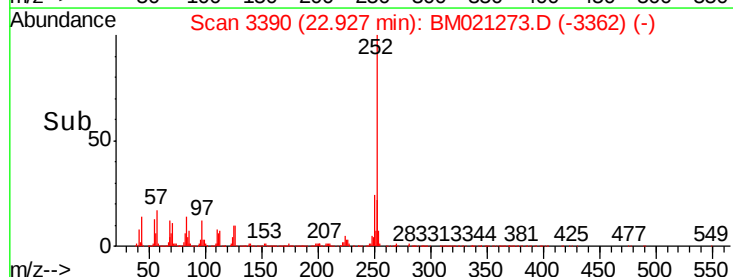
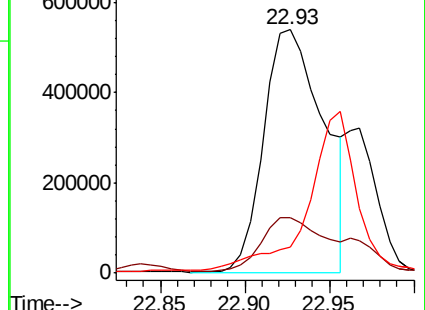
125 10.9 6.6 9.8#

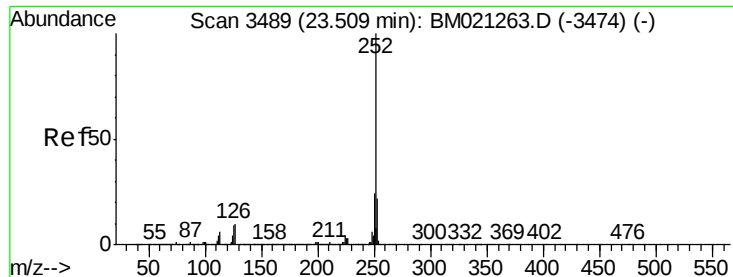


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 8.887 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. 0.00 min

Lab File: BM021273.D

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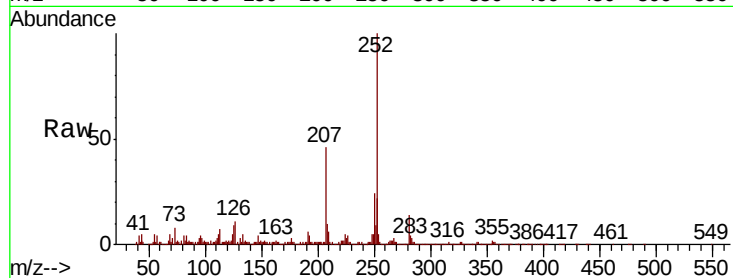
Tgt Ion:252 Resp: 767390

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

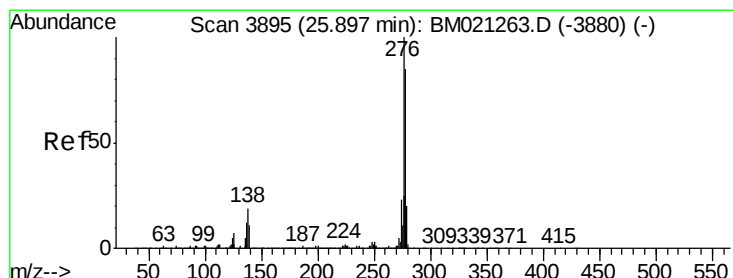
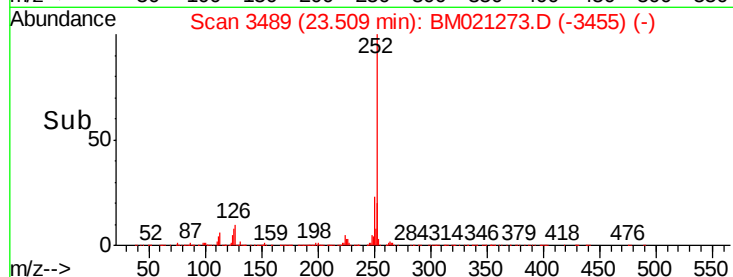
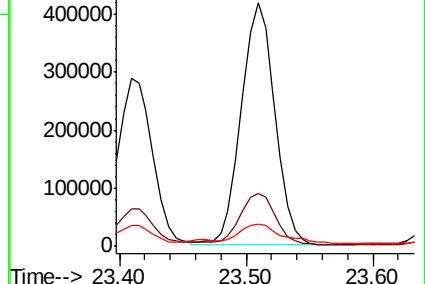
125 9.3 7.2 10.8



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: 6.129 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. 0.01 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

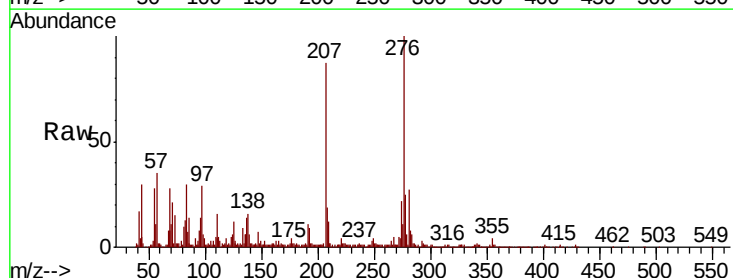
Tgt Ion:276 Resp: 623231

Ion Ratio Lower Upper

276 100

138 15.6 15.9 23.9#

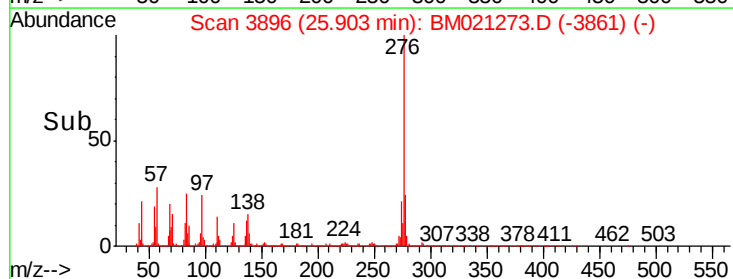
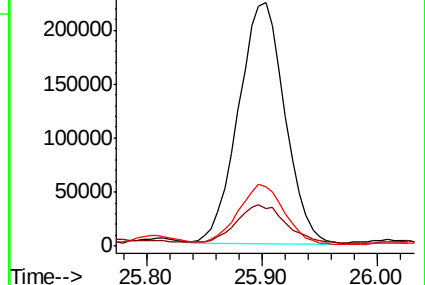
277 24.6 20.4 30.6

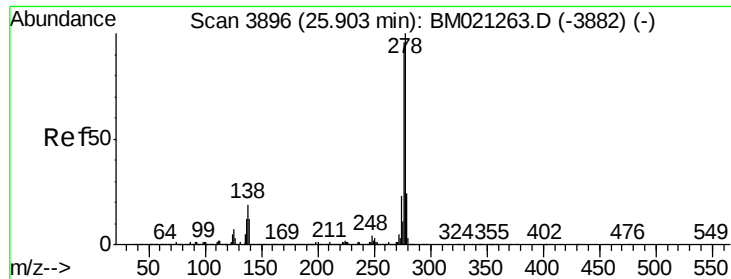


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.948 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. 0.00 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

Instrument :

BNA_M

ClientSampleId :

C7BB8

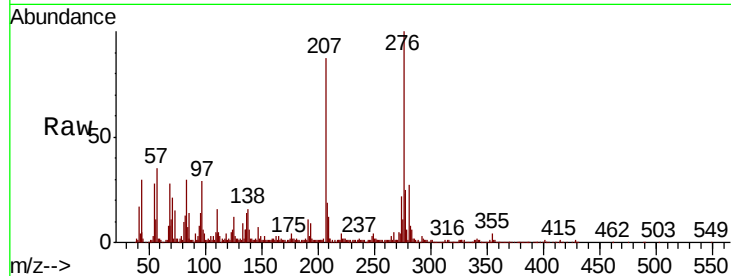
Tgt Ion:278 Resp: 166640

Ion Ratio Lower Upper

278 100

139 28.0 10.6 15.8#

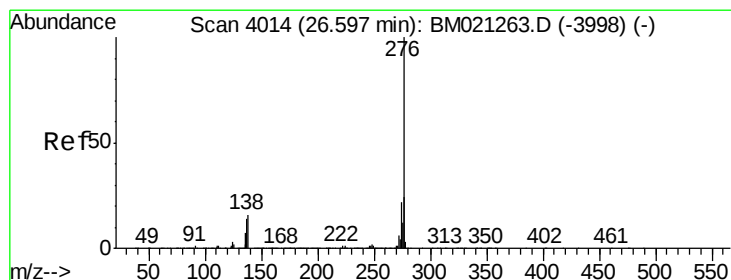
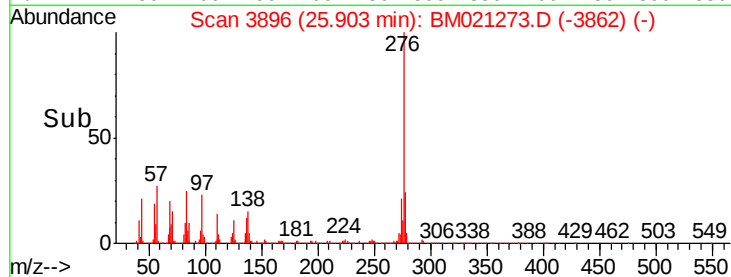
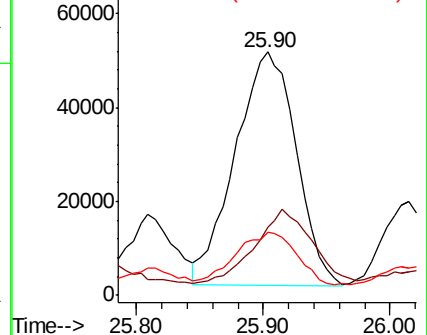
279 26.0 19.0 28.4



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



#93

Benzo(g,h,i)perylene

Concen: 6.011 ng/ul

RT: 26.61 min Scan# 4016

Delta R.T. 0.01 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

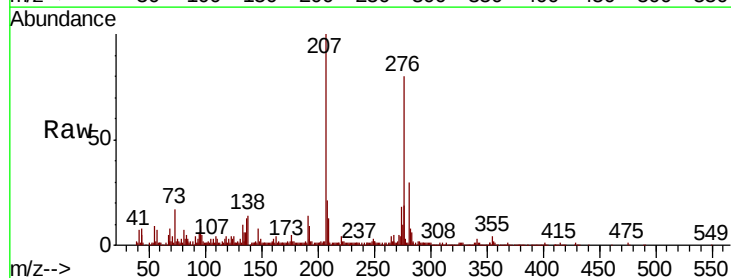
Tgt Ion:276 Resp: 503416

Ion Ratio Lower Upper

276 100

138 16.9 14.6 21.8

277 24.3 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

