

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021284.D
 Acq On : 30 Jun 2019 04:31
 Operator : HP/JU
 Sample : K3590-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA6

Quant Time: Jun 30 05:05:14 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	344052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1517991	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	963427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	2140231	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1572325	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1776570	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	19959	2.75	ng/uL	0.00
5) Phenol-d5	6.93	99	519253	17.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	290326	16.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	430952	17.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	444785	17.79	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	225859	18.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	268488	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	525060	18.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	149444	5.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1683995	19.34	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1941625	18.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	238278	16.83	ng/ul	0.00
57) Fluorene-d10	15.40	176	1458194	19.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	181425	13.79	ng/ul	0.00
70) Anthracene-d10	17.25	188	2215544	19.92	ng/ul	0.00
78) Pyrene-d10	19.54	212	2141513	22.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2130969	20.33	ng/ul	0.00

Target Compounds

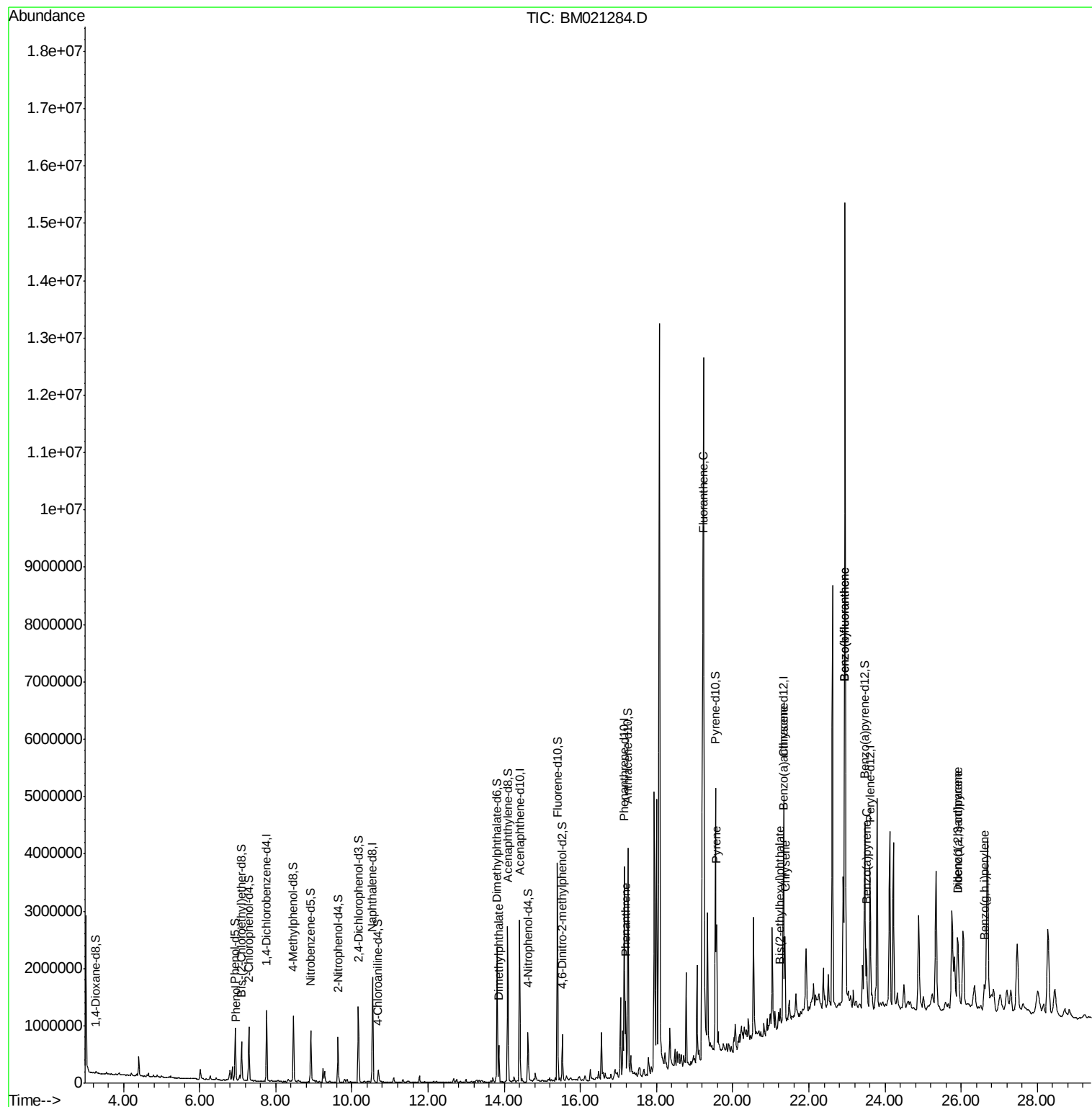
					Qvalue	
6) Phenol	6.96	94	34034	1.202	ng/ul	94
44) Dimethylphthalate	13.86	163	422391	5.330	ng/ul	99
69) Phenanthrene	17.19	178	641803	5.422	ng/ul	99
76) Fluoranthene	19.21	202	1881554	14.712	ng/ul	99
79) Pyrene	19.57	202	1461788	13.151	ng/ul	100
82) Benzo(a)anthracene	21.32	228	689968	6.437	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	120149	2.051	ng/ul	100
84) Chrysene	21.37	228	838332	8.350	ng/ul	99
87) Benzo(b)fluoranthene	22.93	252	1285387	11.422	ng/ul#	96
88) Benzo(k)fluoranthene	22.93	252	1285387	11.873	ng/ul#	96
90) Benzo(a)pyrene	23.51	252	741849	7.004	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	608136	4.876	ng/ul	98
92) Dibenzo(a,h)anthracene	25.90	278	149519	1.425	ng/ul#	83
93) Benzo(g,h,i)perylene	26.61	276	573939	5.587	ng/ul	98

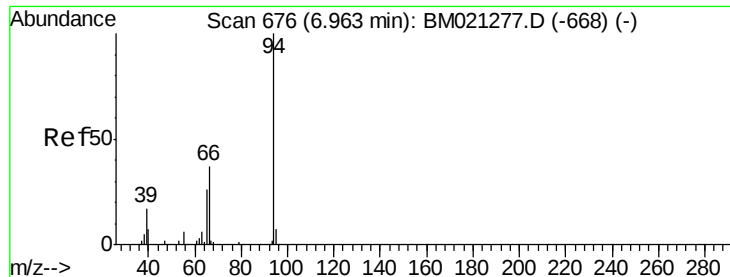
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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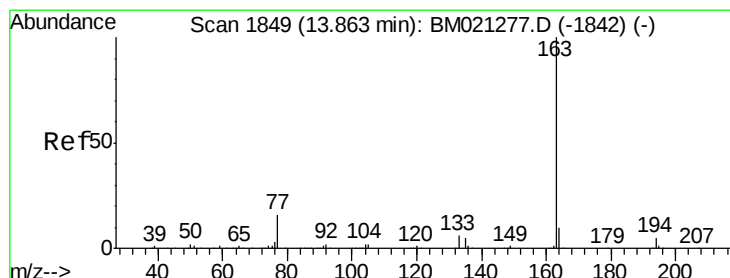
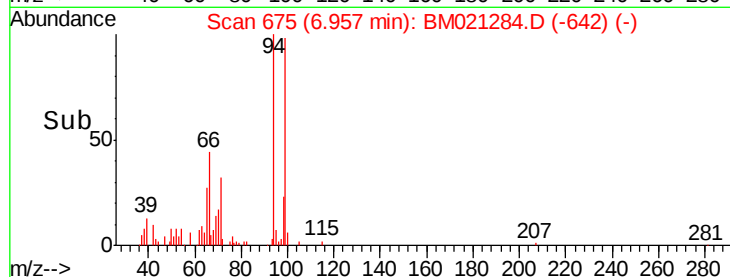
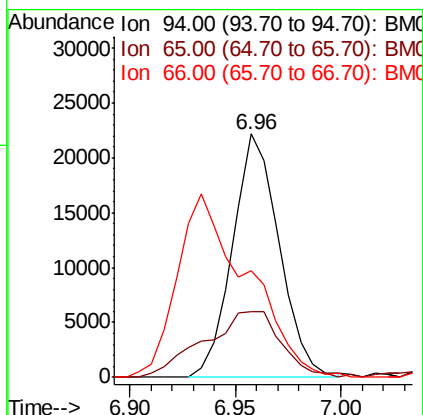
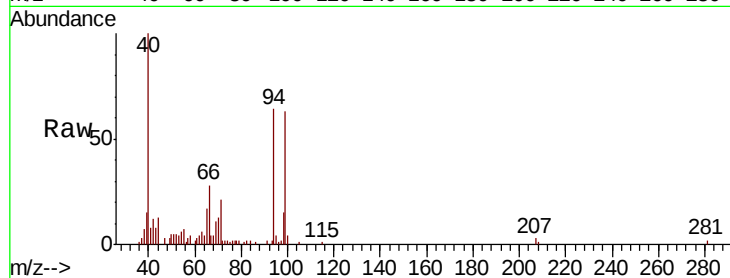
#6

Phenol

Concen: 1.202 ng/ul
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM021284.D
 Acq: 30 Jun 2019 04:31

Instrument :
 BNA_M
 ClientSampleId :
 C5BA6

Tgt Ion: 94 Resp: 34034
 Ion Ratio Lower Upper
 94 100
 65 26.9 22.6 34.0
 66 43.6 31.2 46.8

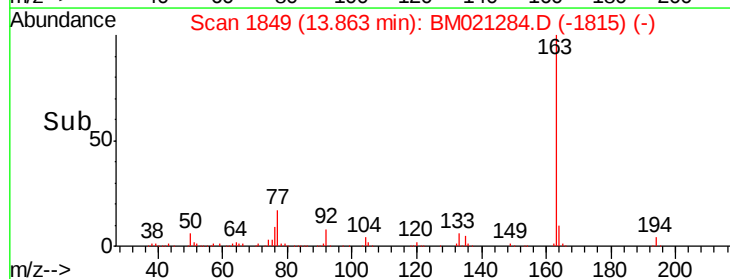
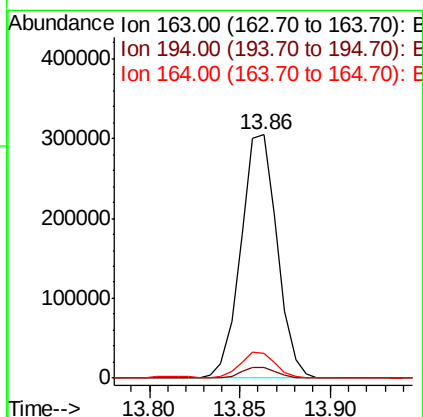
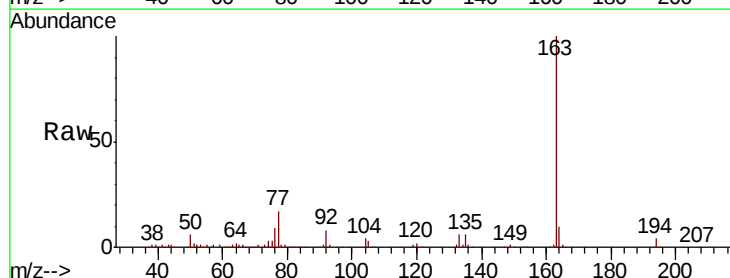


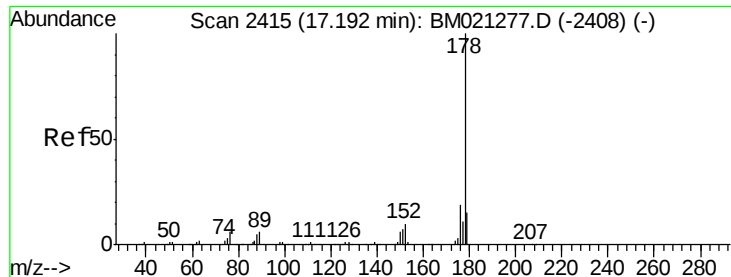
#44

Dimethylphthalate

Concen: 5.330 ng/ul
 RT: 13.86 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BM021284.D
 Acq: 30 Jun 2019 04:31

Tgt Ion: 163 Resp: 422391
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.4 5.2
 164 10.0 7.7 11.5





#69

Phenanthrene

Concen: 5.422 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

Instrument :

BNA_M

ClientSampleId :

C5BA6

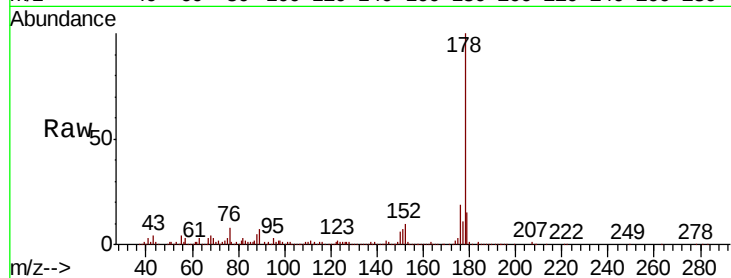
Tgt Ion:178 Resp: 641803

Ion Ratio Lower Upper

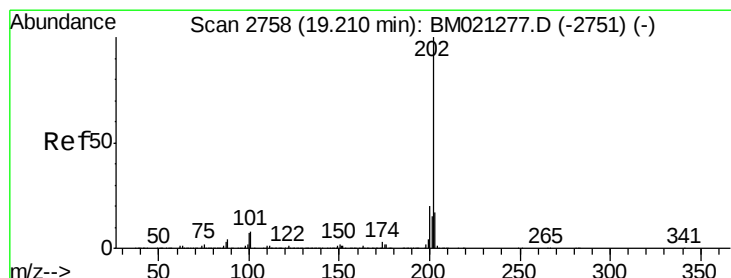
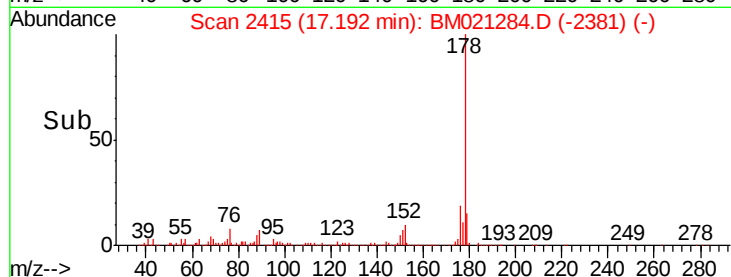
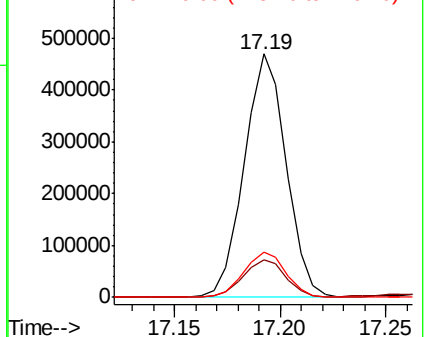
178 100

179 15.3 11.8 17.8

176 18.7 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



#76

Fluoranthene

Concen: 14.712 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

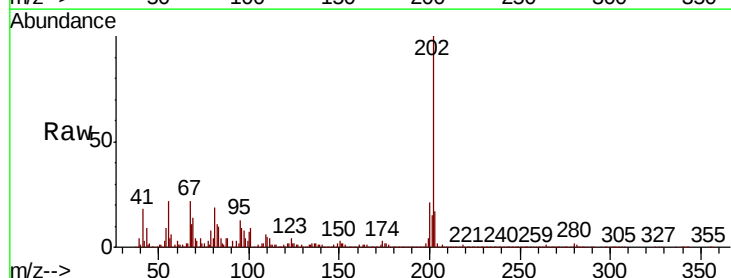
Tgt Ion:202 Resp: 1881554

Ion Ratio Lower Upper

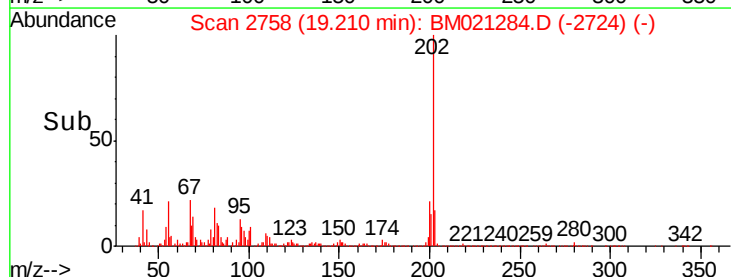
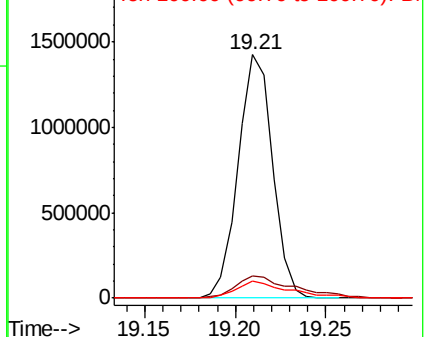
202 100

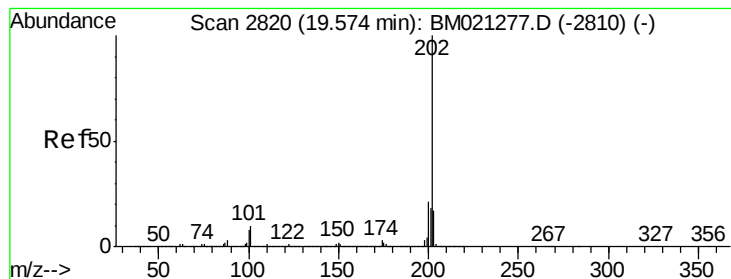
101 8.9 6.7 10.1

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: 13.151 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

Instrument :

BNA_M

ClientSampleId :

C5BA6

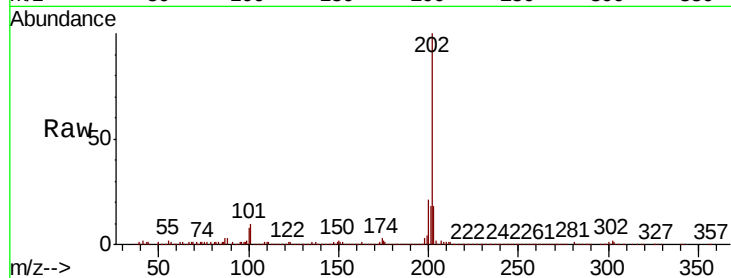
Tgt Ion:202 Resp: 1461788

Ion Ratio Lower Upper

202 100

101 10.3 8.1 12.1

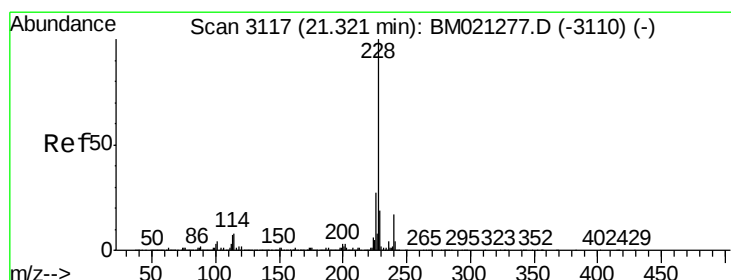
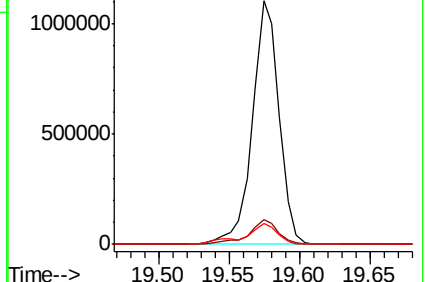
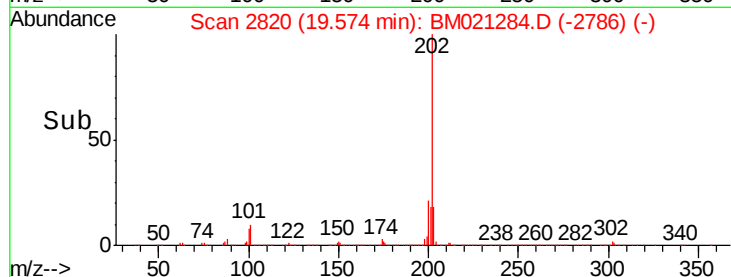
100 8.4 6.6 10.0



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: 6.437 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

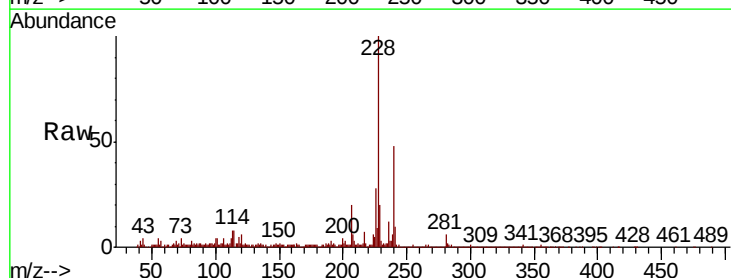
Tgt Ion:228 Resp: 689968

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.8

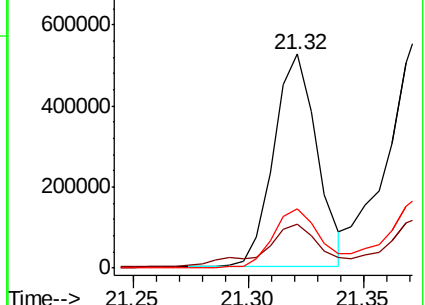
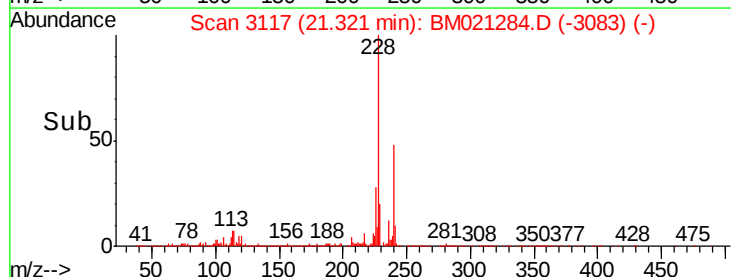
226 27.7 21.4 32.2

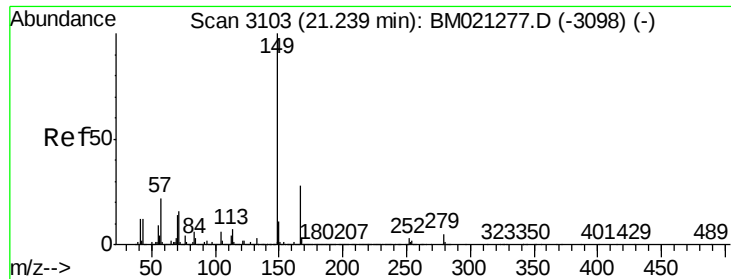


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.051 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

Instrument :

BNA_M

ClientSampleId :

C5BA6

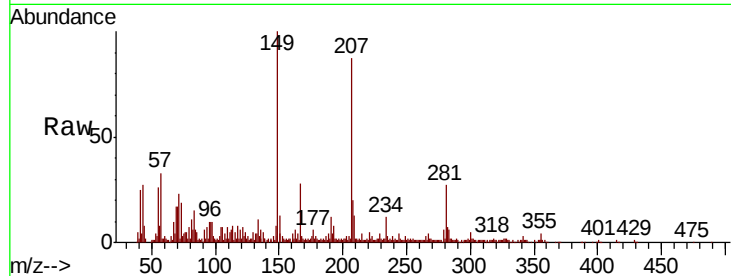
Tgt Ion:149 Resp: 120149

Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

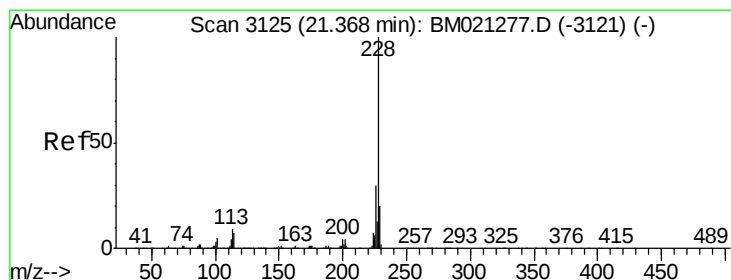
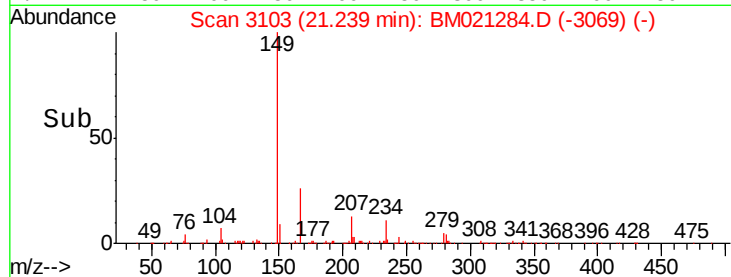
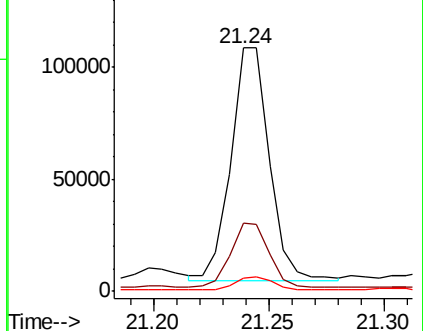
279 5.5 3.8 5.6



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: 8.350 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

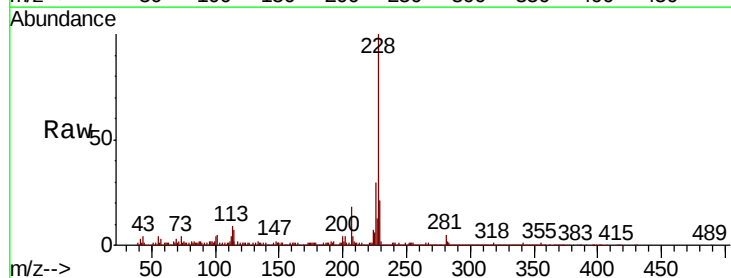
Tgt Ion:228 Resp: 838332

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

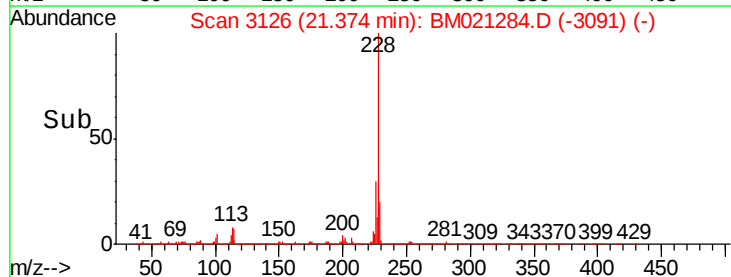
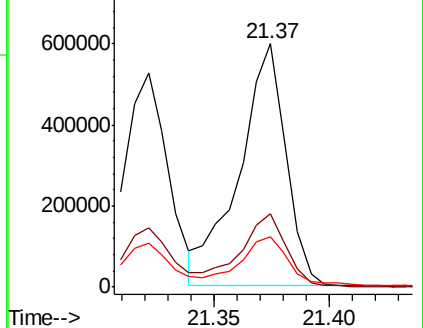
229 20.7 15.4 23.2

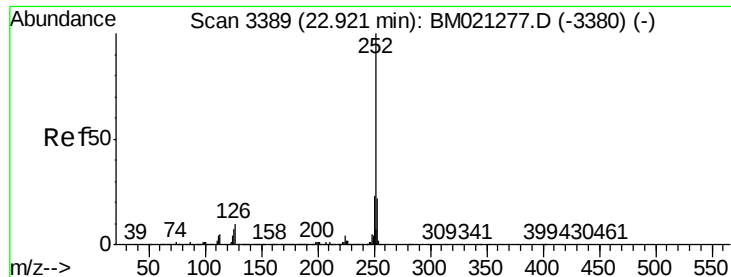


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 11.422 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

Instrument :

BNA_M

ClientSampleId :

C5BA6

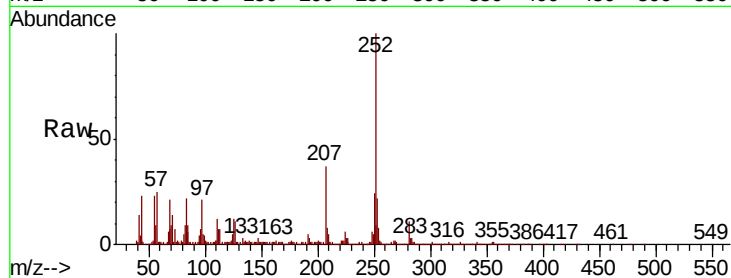
Tgt Ion:252 Resp: 1285387

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

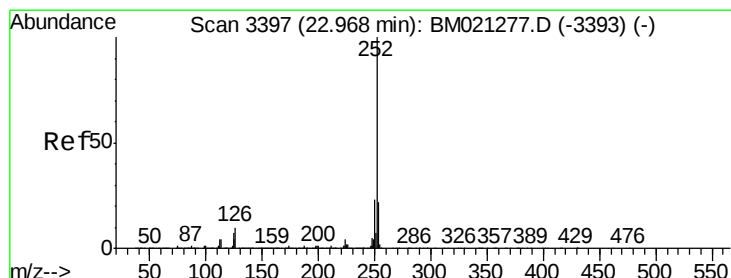
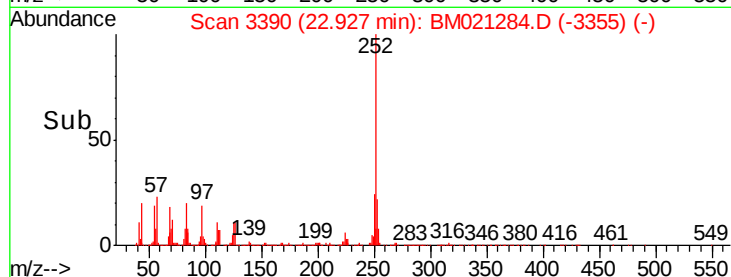
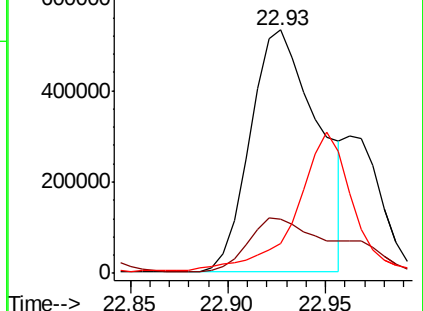
125 12.2 6.3 9.5#



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: 11.873 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.04 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

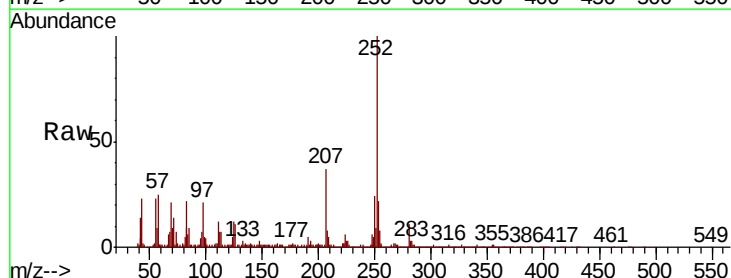
Tgt Ion:252 Resp: 1285387

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

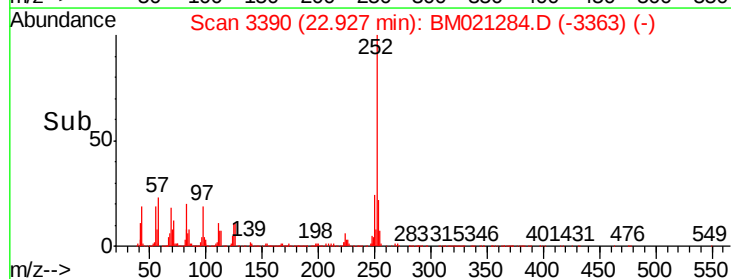
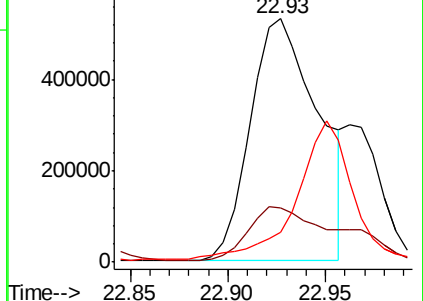
125 12.2 6.6 9.8#

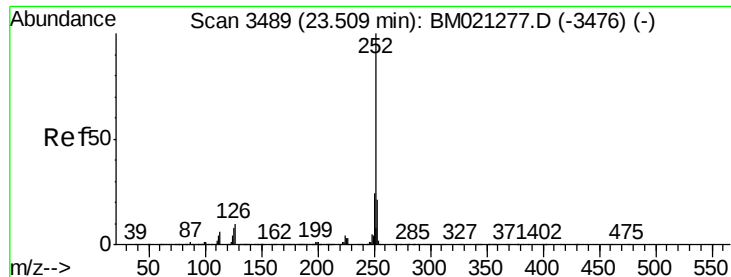


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 7.004 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.00 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

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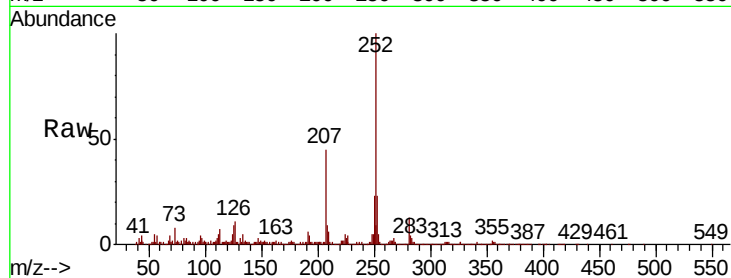
Tgt Ion:252 Resp: 741849

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 9.2 7.2 10.8

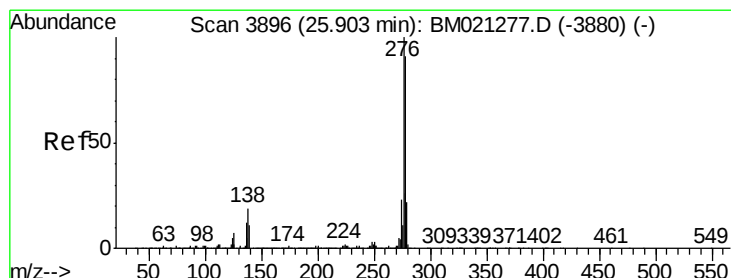
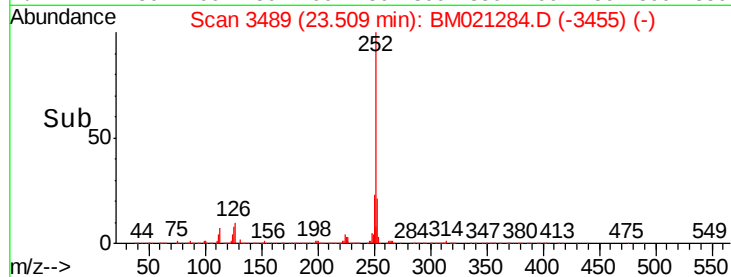
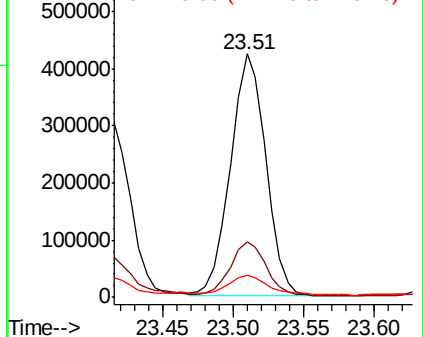


Abundance

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: 4.876 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.00 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

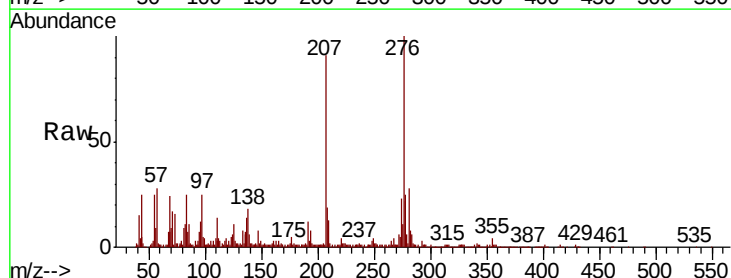
Tgt Ion:276 Resp: 608136

Ion Ratio Lower Upper

276 100

138 17.9 15.9 23.9

277 25.5 20.4 30.6

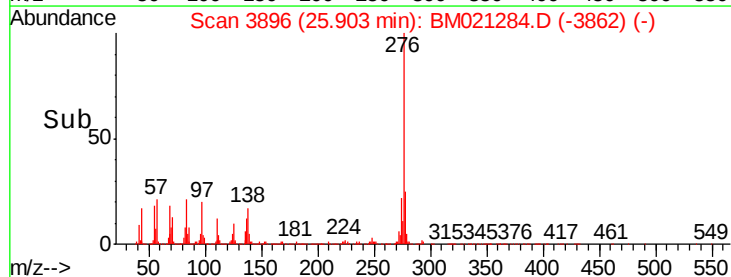
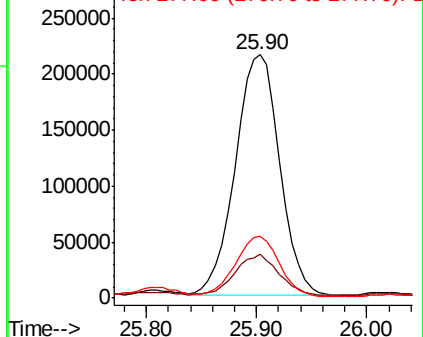


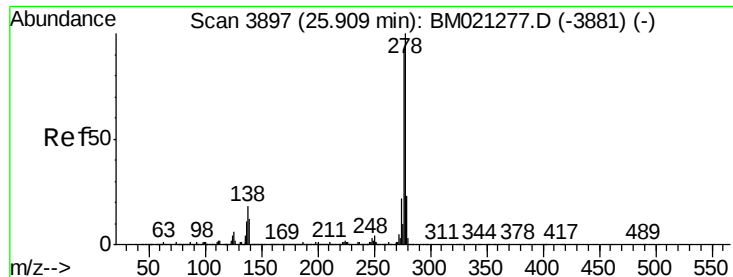
Abundance

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: 1.425 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

Instrument :

BNA_M

ClientSampleId :

C5BA6

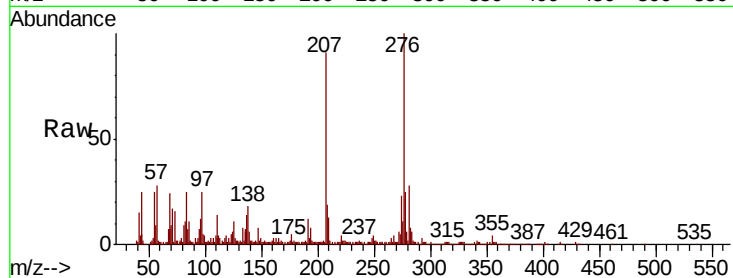
Tgt Ion:278 Resp: 149519

Ion Ratio Lower Upper

278 100

139 27.5 10.6 15.8#

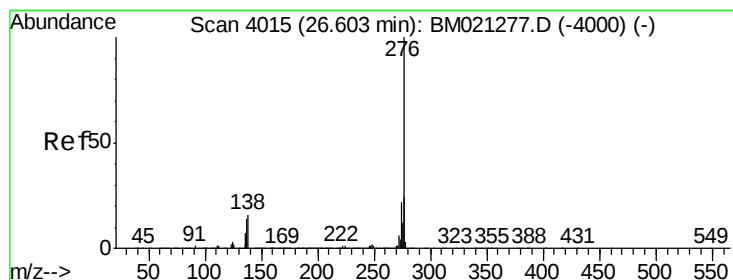
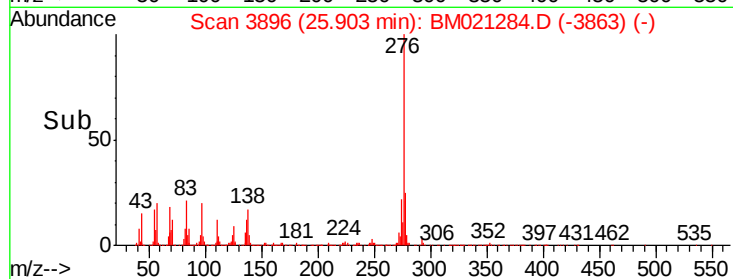
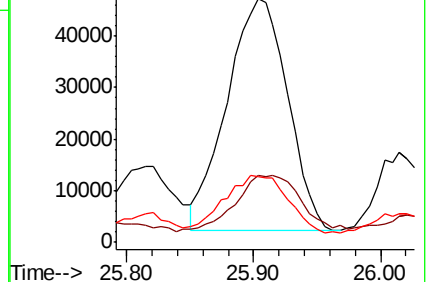
279 26.8 19.0 28.4



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: 5.587 ng/ul

RT: 26.61 min Scan# 4017

Delta R.T. 0.01 min

Lab File: BM021284.D

Acq: 30 Jun 2019 04:31

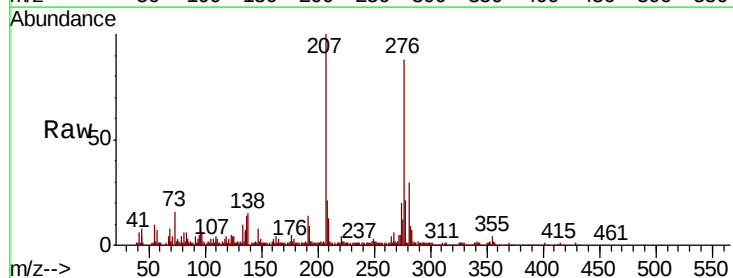
Tgt Ion:276 Resp: 573939

Ion Ratio Lower Upper

276 100

138 16.6 14.6 21.8

277 23.5 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

