

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021270.D
 Acq On : 29 Jun 2019 20:04
 Operator : HP/JU
 Sample : K3593-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C6BB8

Quant Time: Jun 29 22:21:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	274625	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1216665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	769422	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1800848	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1341650	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1420669	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	24786	4.29	ng/uL	0.00
5) Phenol-d5	6.93	99	655665	27.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	373117	26.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	551321	28.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	564937	28.31	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	291367	29.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	350479	31.96	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	660084	29.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	439821	18.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2025410	29.13	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2432267	28.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	285557	25.25	ng/ul	0.00
57) Fluorene-d10	15.40	176	1776801	29.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	214959	19.42	ng/ul	0.00
70) Anthracene-d10	17.25	188	2679771	28.63	ng/ul	0.00
78) Pyrene-d10	19.54	212	2633910	32.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2323087	27.72	ng/ul	0.00

Target Compounds

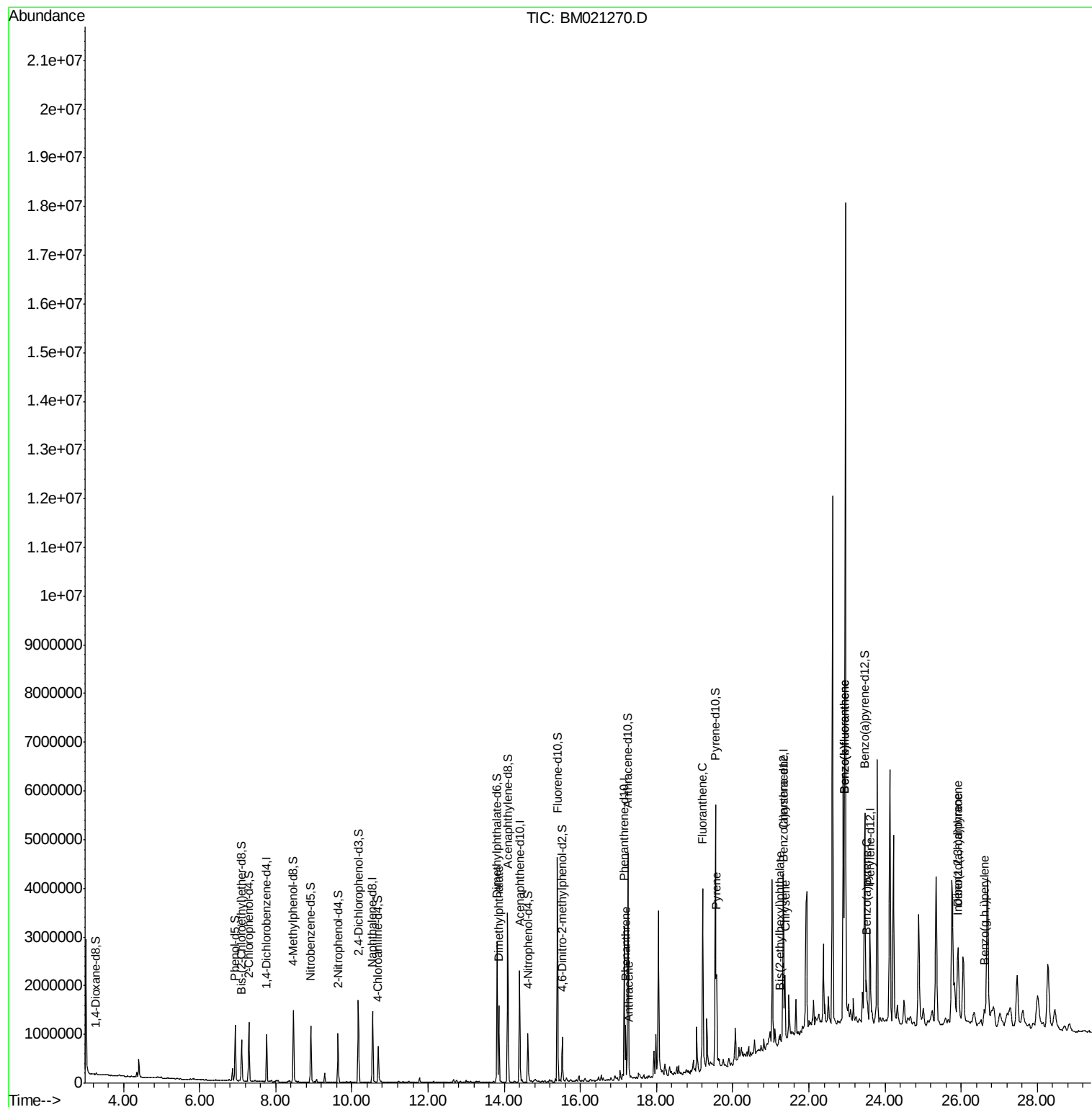
					Qvalue	
44) Dimethylphthalate	13.86	163	1002336	15.838	ng/ul	99
69) Phenanthrene	17.19	178	609922	6.124	ng/ul	99
71) Anthracene	17.28	178	127048	1.252	ng/ul	98
76) Fluoranthene	19.21	202	1693922	15.741	ng/ul	99
79) Pyrene	19.57	202	1393283	14.689	ng/ul	99
82) Benzo(a)anthracene	21.32	228	689914	7.543	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	66389	1.328	ng/ul	99
84) Chrysene	21.37	228	778060	9.083	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	1188802	13.210	ng/ul#	95
88) Benzo(k)fluoranthene	22.93	252	1188802	13.731	ng/ul#	95
90) Benzo(a)pyrene	23.51	252	664468	7.845	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	536368	5.378	ng/ul	97
92) Dibenzo(a,h)anthracene	25.90	278	139584	1.664	ng/ul#	84
93) Benzo(g,h,i)perylene	26.60	276	434165	5.285	ng/ul	98

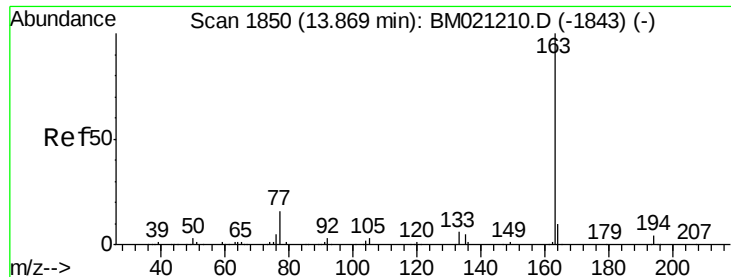
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
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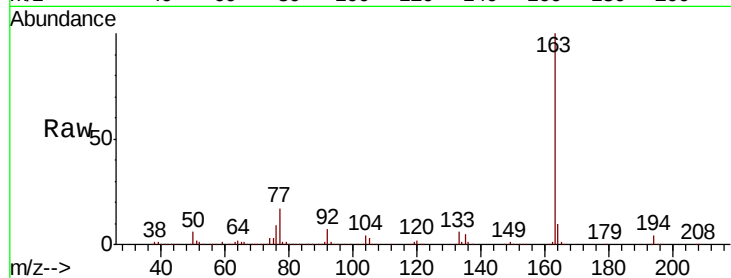




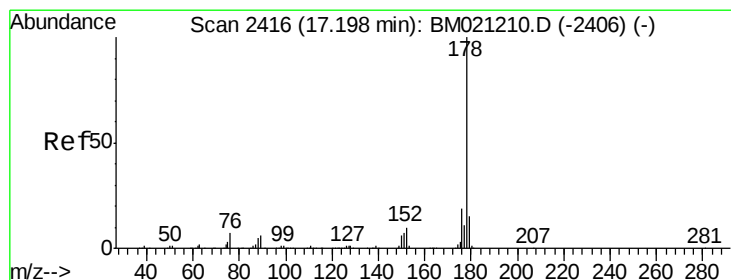
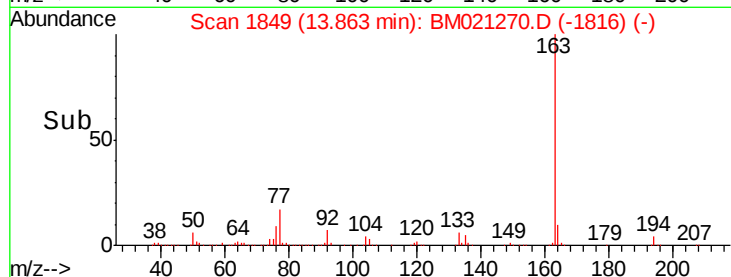
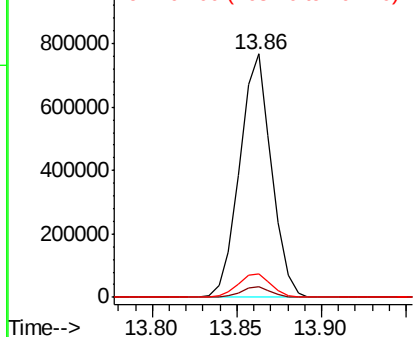
#44
Dimethylphthalate
Concen: 15.838 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021270.D
Acq: 29 Jun 2019 20:04

Instrument :
BNA_M
ClientSampleId :
C6BB8

Tgt Ion:163 Resp: 1002336
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 7.7 11.5

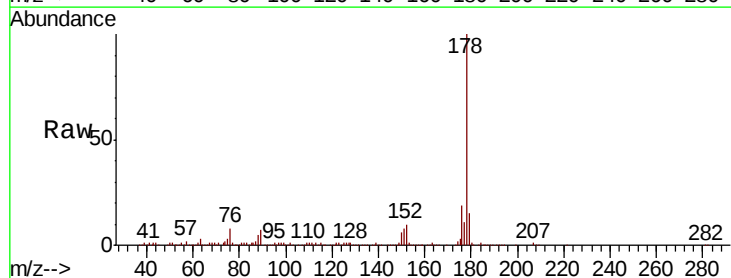


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

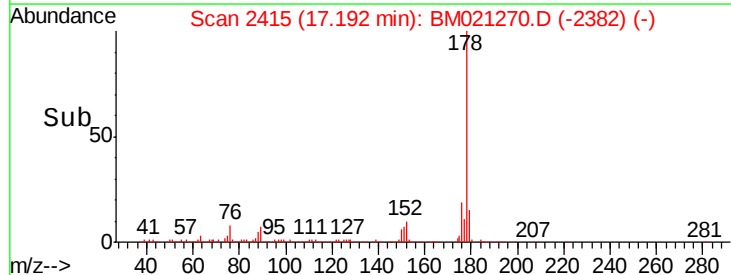
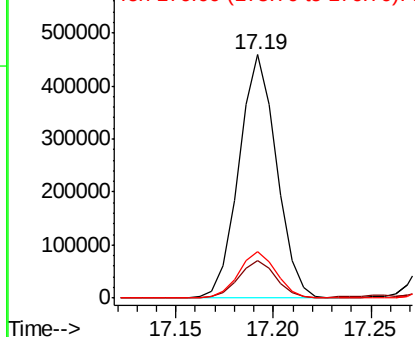


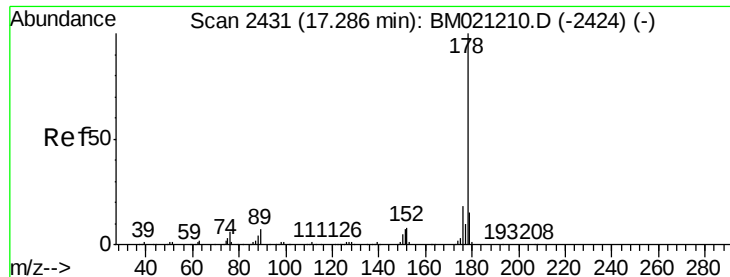
#69
Phenanthrene
Concen: 6.124 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021270.D
Acq: 29 Jun 2019 20:04

Tgt Ion:178 Resp: 609922
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.8
176 19.1 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

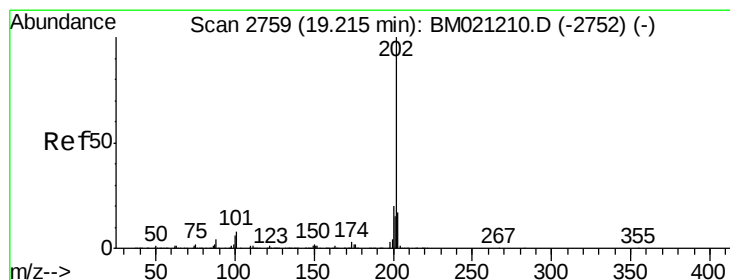
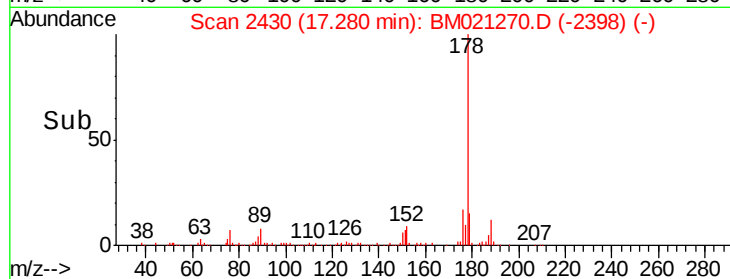
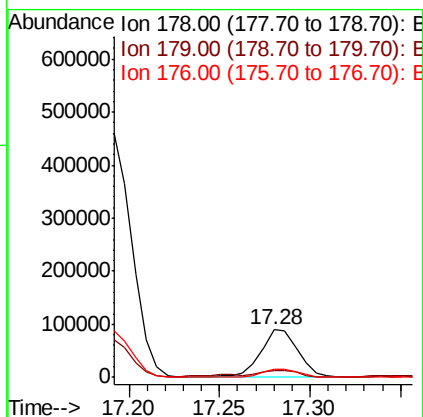
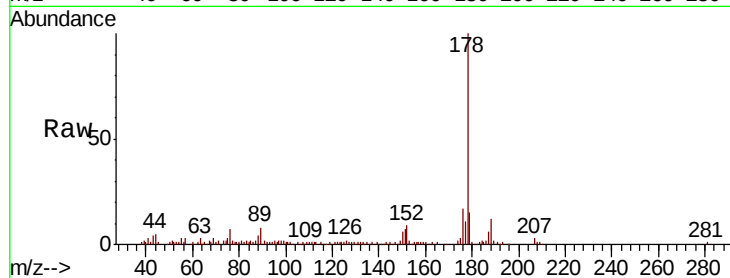




#71
 Anthracene
 Concen: 1.252 ng/ul
 RT: 17.28 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM021270.D
 Acq: 29 Jun 2019 20:04

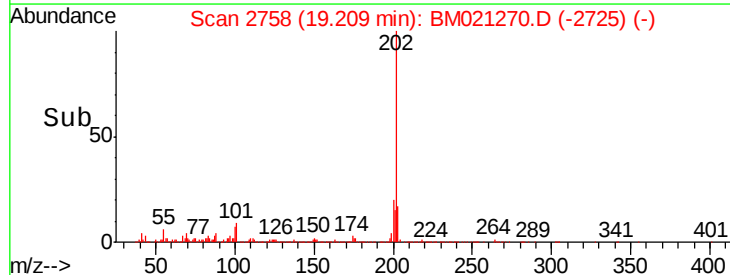
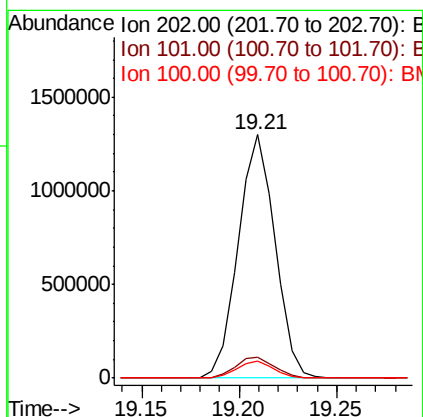
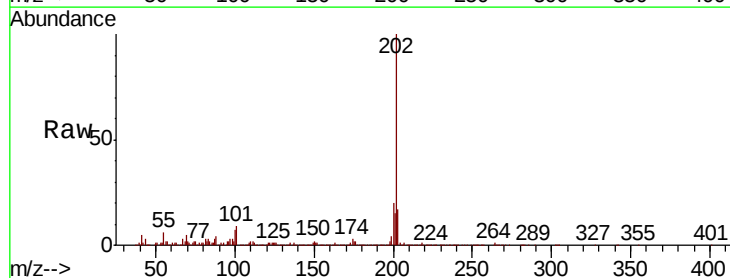
Instrument :
 BNA_M
 ClientSampleId :
 C6BB8

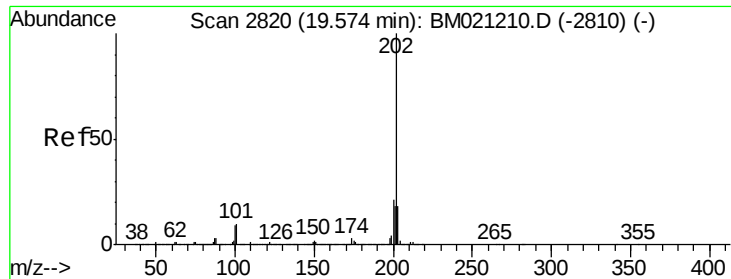
Tgt Ion:178 Resp: 127048
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.5 18.7
 176 17.5 14.6 21.8



#76
 Fluoranthene
 Concen: 15.741 ng/ul
 RT: 19.21 min Scan# 2758
 Delta R.T. -0.01 min
 Lab File: BM021270.D
 Acq: 29 Jun 2019 20:04

Tgt Ion:202 Resp: 1693922
 Ion Ratio Lower Upper
 202 100
 101 8.8 6.7 10.1
 100 6.8 5.5 8.3

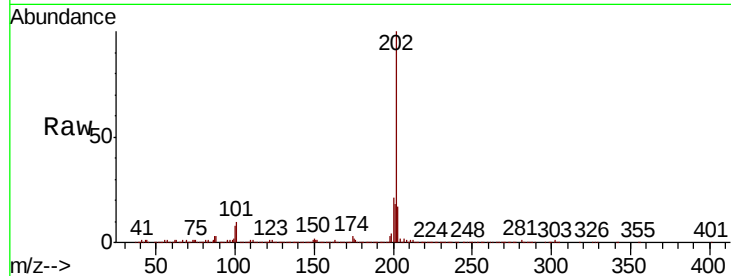




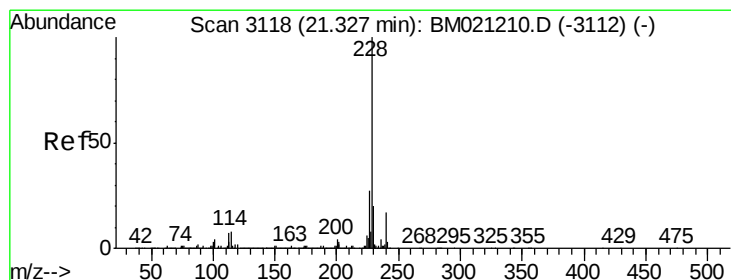
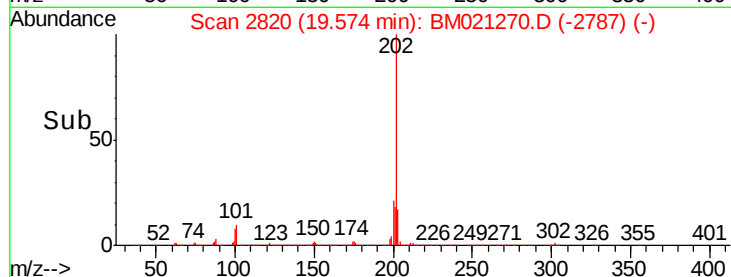
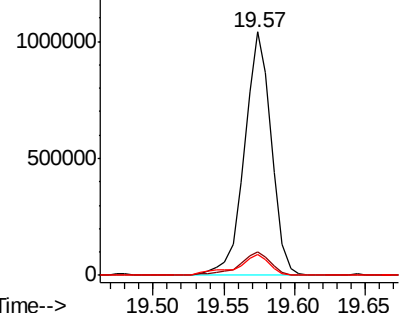
#79
 Pyrene
 Concen: 14.689 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM021270.D
 Acq: 29 Jun 2019 20:04

Instrument :
 BNA_M
 ClientSampleId :
 C6BB8

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.1	12.1
100	8.5	6.6	10.0

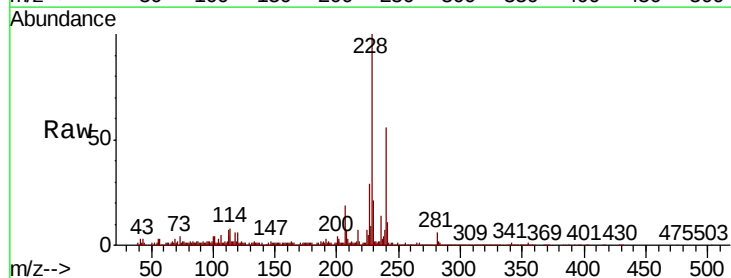


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

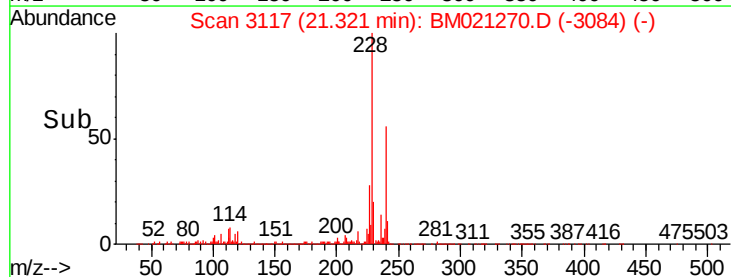
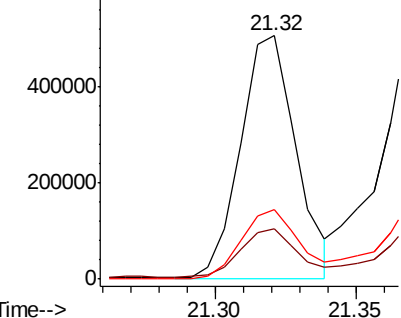


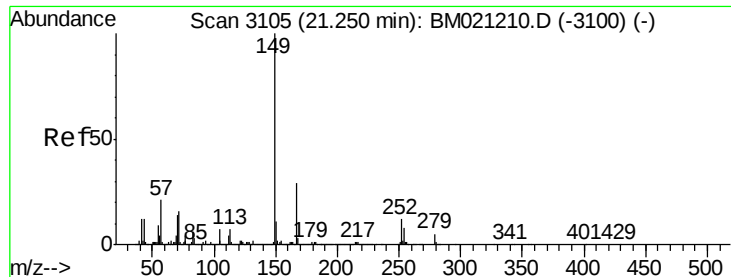
#82
 Benzo(a)anthracene
 Concen: 7.543 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM021270.D
 Acq: 29 Jun 2019 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	28.6	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: 1.328 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM021270.D

Acq: 29 Jun 2019 20:04

Instrument :

BNA_M

ClientSampleId :

C6BB8

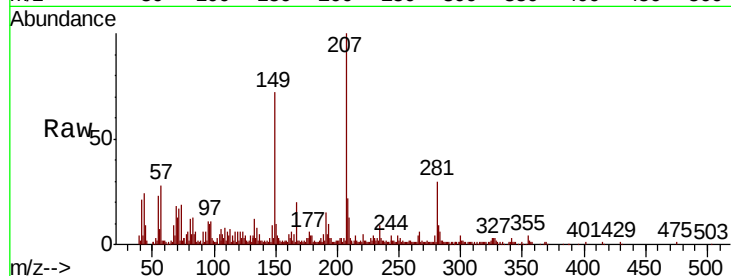
Tgt Ion:149 Resp: 66389

Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

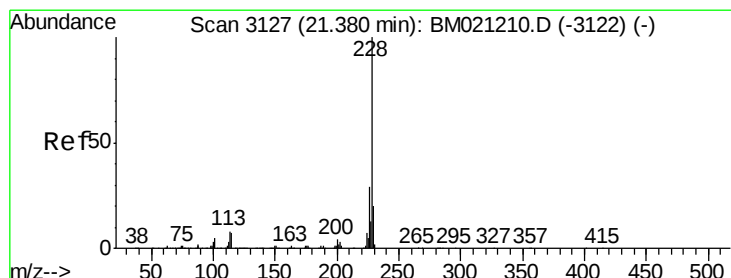
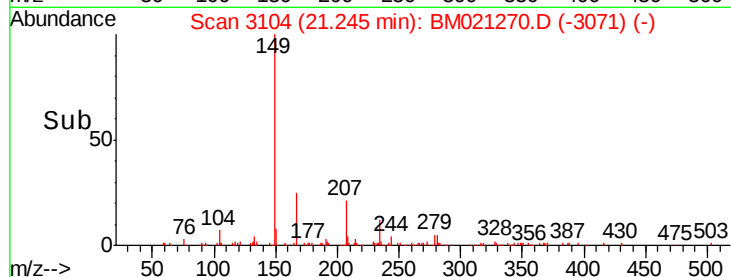
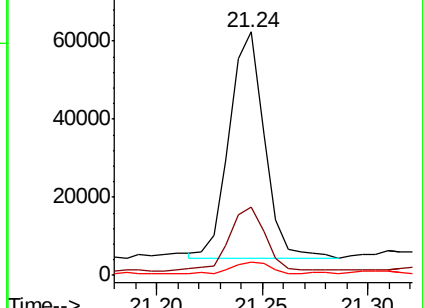
279 5.3 3.8 5.6



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: 9.083 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021270.D

Acq: 29 Jun 2019 20:04

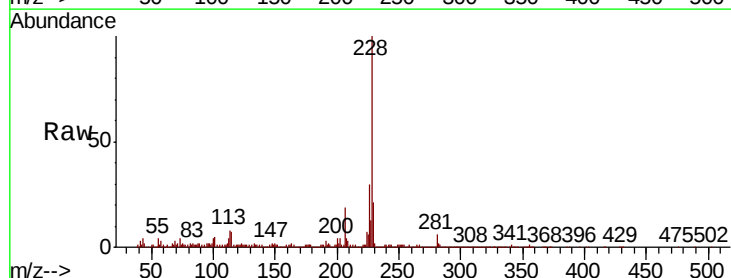
Tgt Ion:228 Resp: 778060

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

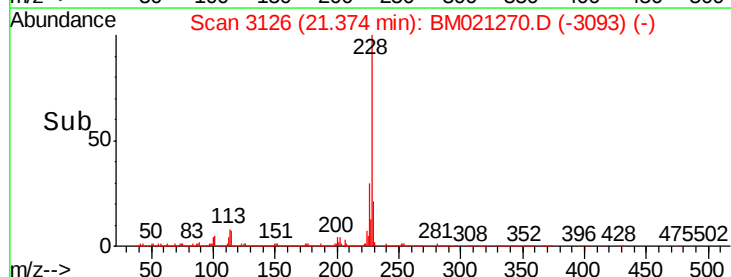
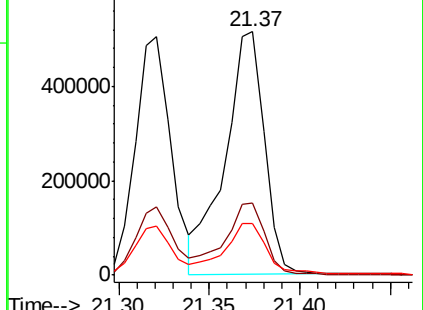
229 21.5 15.4 23.2

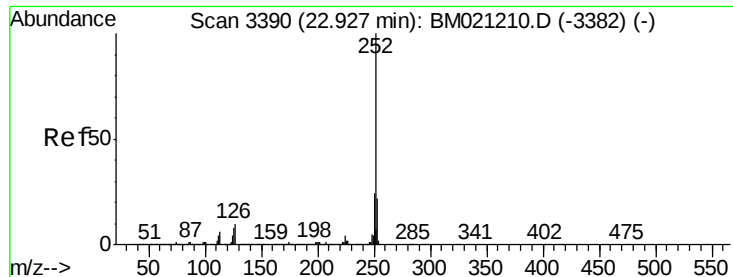


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 13.210 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM021270.D

Acq: 29 Jun 2019 20:04

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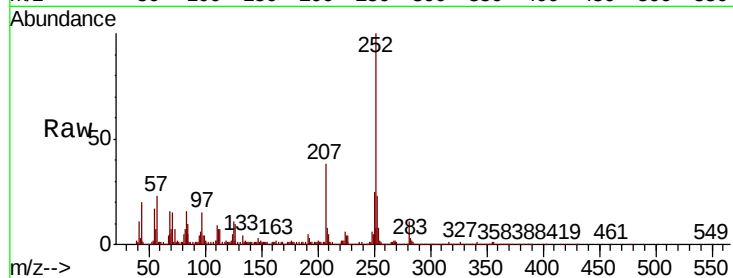
Tgt Ion:252 Resp: 1188802

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

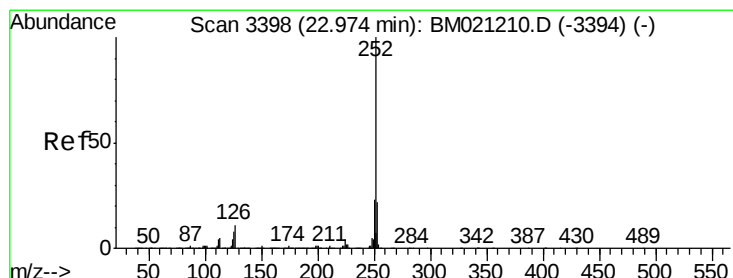
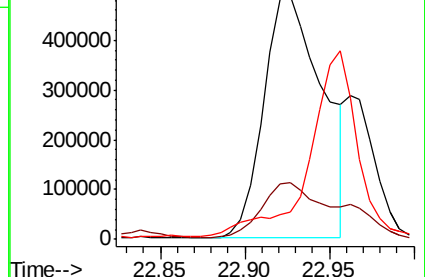
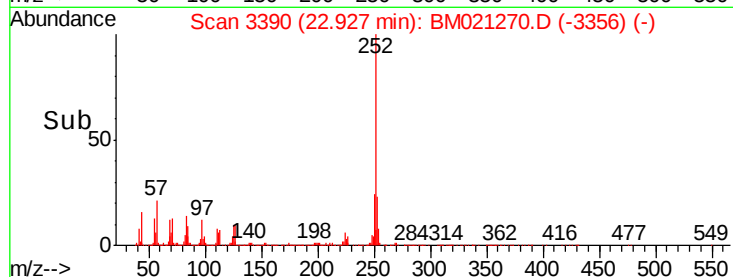
125 11.2 6.3 9.5#



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: 13.731 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM021270.D

Acq: 29 Jun 2019 20:04

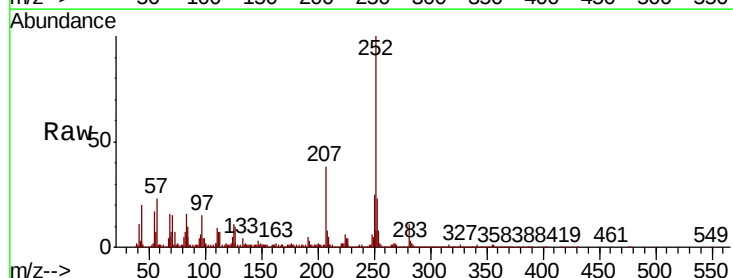
Tgt Ion:252 Resp: 1188802

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

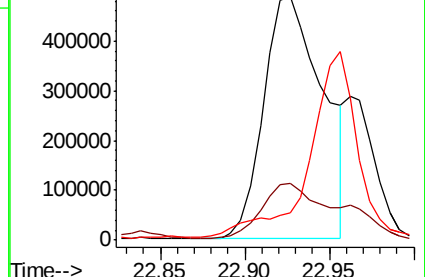
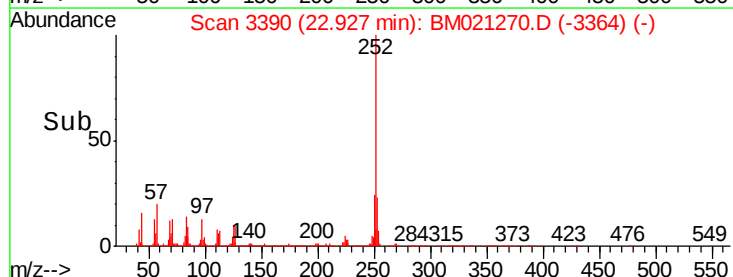
125 11.2 6.6 9.8#

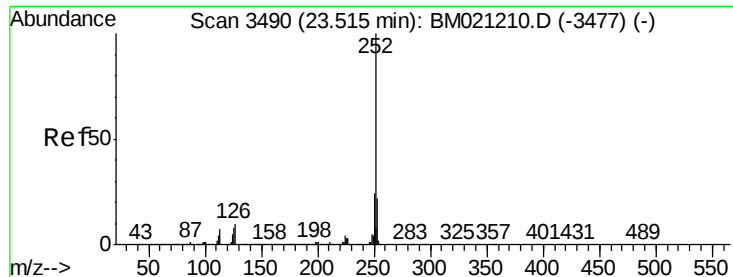


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 7.845 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021270.D

Acq: 29 Jun 2019 20:04

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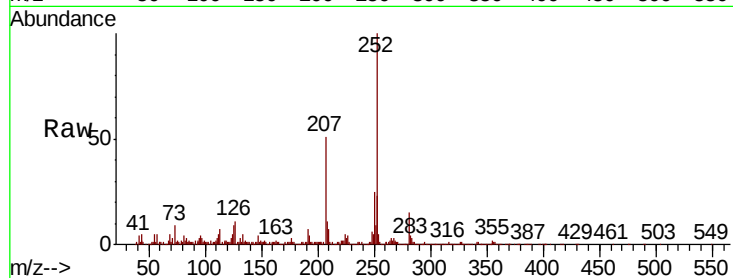
Tgt Ion:252 Resp: 664468

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

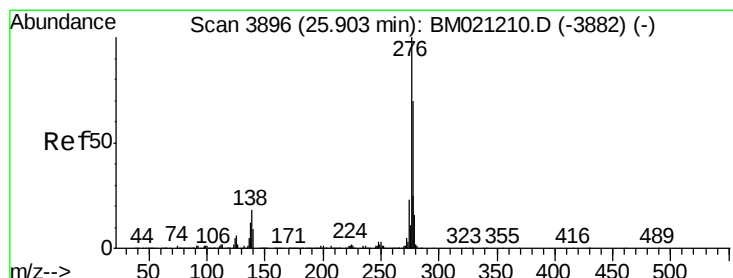
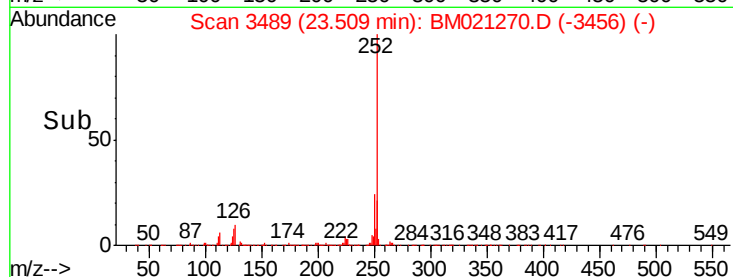
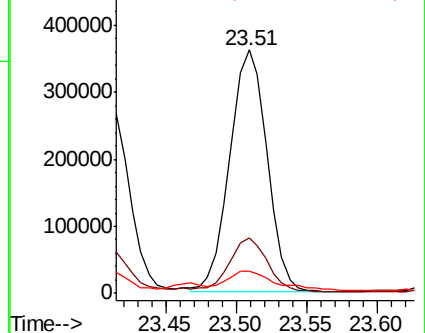
125 9.3 7.2 10.8



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: 5.378 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.01 min

Lab File: BM021270.D

Acq: 29 Jun 2019 20:04

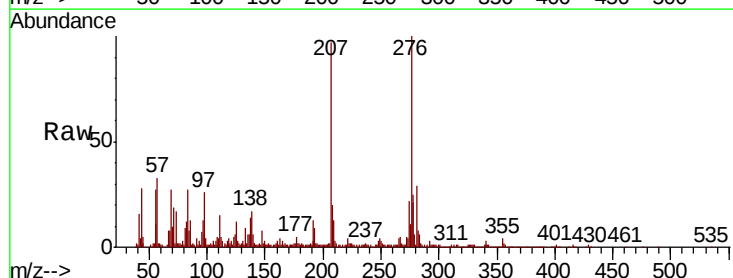
Tgt Ion:276 Resp: 536368

Ion Ratio Lower Upper

276 100

138 17.3 15.9 23.9

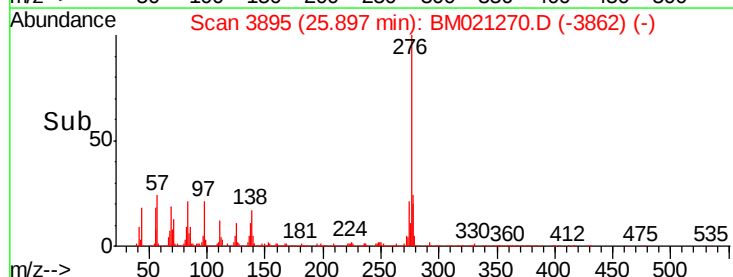
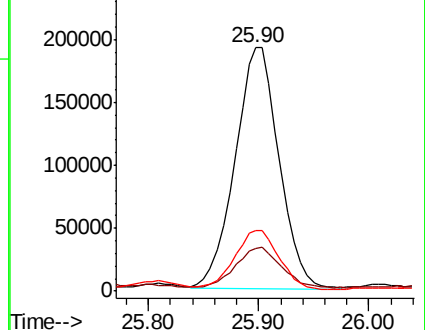
277 25.1 20.4 30.6

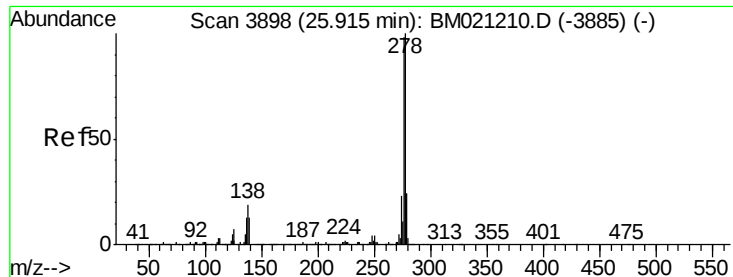


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.664 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM021270.D

Acq: 29 Jun 2019 20:04

Instrument :

BNA_M

ClientSampleId :

C6BB8

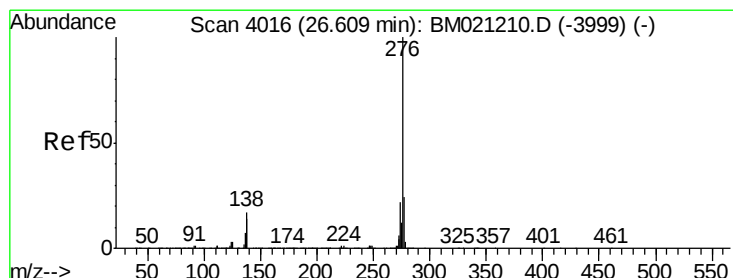
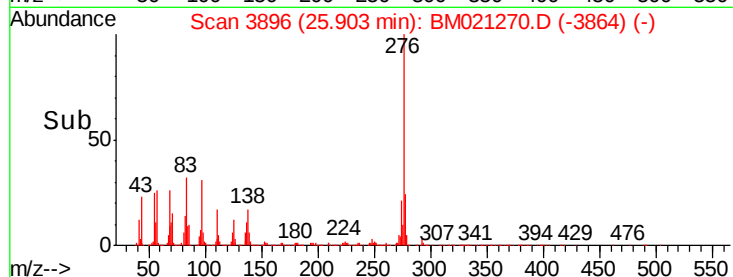
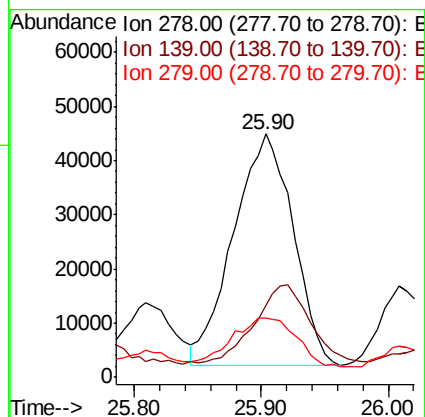
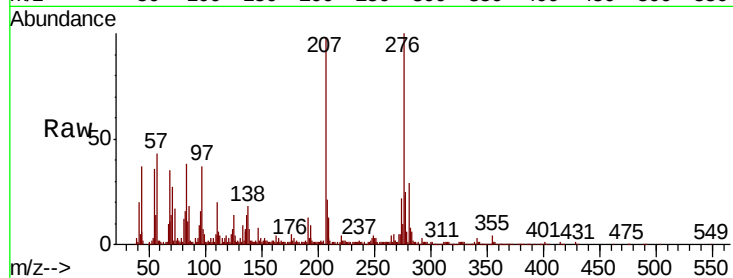
Tgt Ion:278 Resp: 139584

Ion Ratio Lower Upper

278 100

139 29.4 10.6 15.8#

279 24.5 19.0 28.4



#93

Benzo(g,h,i)perylene

Concen: 5.285 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BM021270.D

Acq: 29 Jun 2019 20:04

Tgt Ion:276 Resp: 434165

Ion Ratio Lower Upper

276 100

138 17.4 14.6 21.8

277 24.5 18.9 28.3

