

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
 Data File : BM021222.D
 Acq On : 27 Jun 2019 18:21
 Operator : HP/JU
 Sample : K3502-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 28 01:37:22 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	245125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1096918	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	717500	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1682213	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1288466	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1265424	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	19844	3.84	ng/uL	0.00
5) Phenol-d5	6.93	99	426148	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	270909	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	372111	21.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	374140	21.01	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	198383	22.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	228481	23.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	451179	22.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	396757	18.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1538774	23.74	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1763546	22.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	157254	14.91	ng/ul	0.00
57) Fluorene-d10	15.40	176	1350382	23.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	179526	17.36	ng/ul	0.00
70) Anthracene-d10	17.25	188	2053496	23.49	ng/ul	0.00
78) Pyrene-d10	19.54	212	2119090	27.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1723116	23.08	ng/ul	0.00

Target Compounds

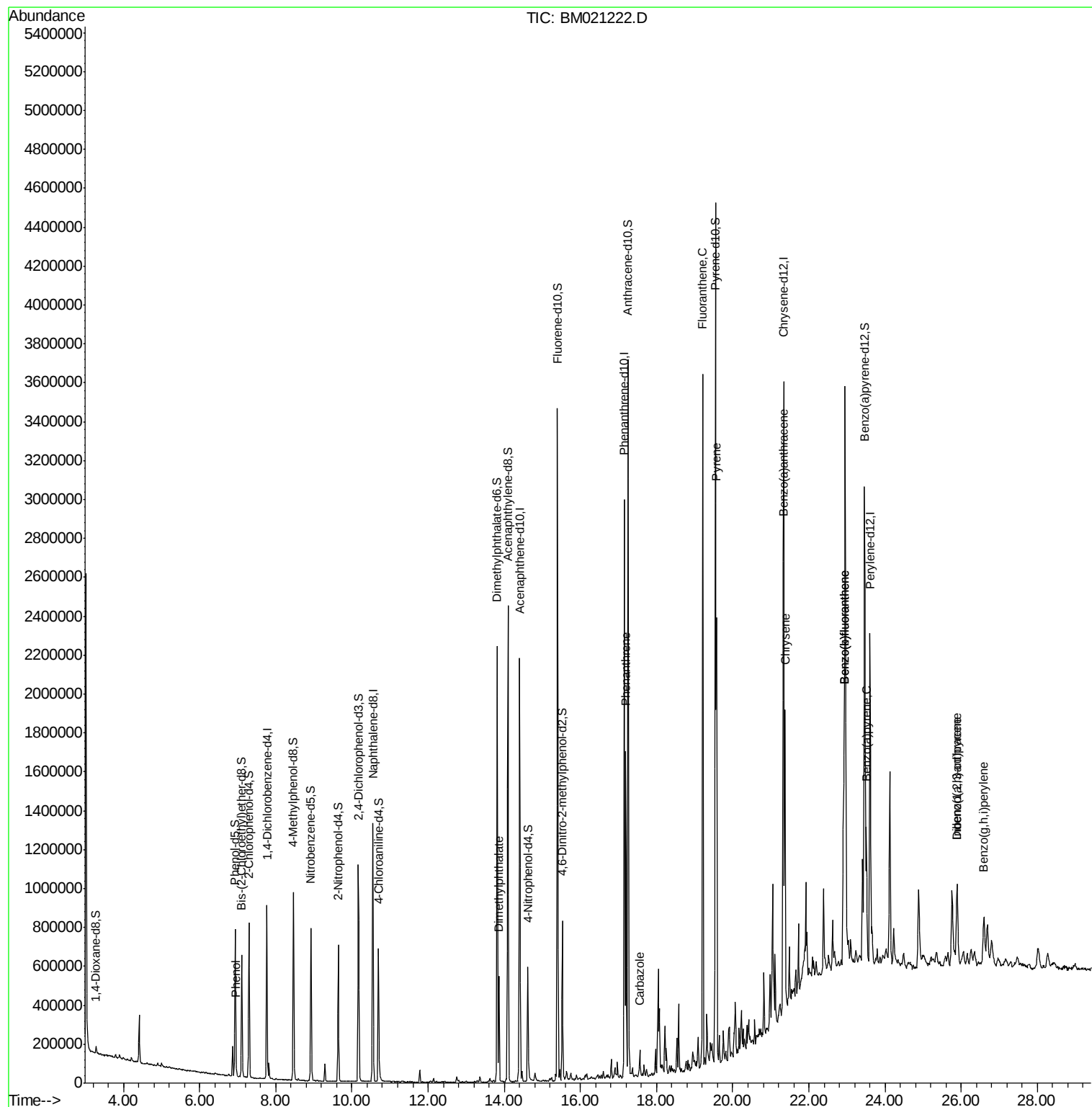
				Ovalue	
6) Phenol	6.96	94	24680	1.223	ng/ul 94
44) Dimethylphthalate	13.86	163	349117	5.916	ng/ul 98
69) Phenanthrene	17.19	178	1052022	11.308	ng/ul 98
74) Carbazole	17.56	167	82727	1.059	ng/ul 99
76) Fluoranthene	19.21	202	2104617	20.936	ng/ul 99
79) Pyrene	19.57	202	1599601	17.561	ng/ul 99
82) Benzo(a)anthracene	21.32	228	598701	6.816	ng/ul 98
84) Chrysene	21.37	228	852625	10.364	ng/ul 98
87) Benzo(b)fluoranthene	22.93	252	988390	12.330	ng/ul 98
88) Benzo(k)fluoranthene	22.93	252	988390	12.817	ng/ul 98
90) Benzo(a)pyrene	23.51	252	508948	6.746	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	25.89	276	403899	4.546	ng/ul 96
92) Dibenzo(a,h)anthracene	25.90	278	105303	1.409	ng/ul# 90
93) Benzo(g,h,i)perylene	26.60	276	311017	4.251	ng/ul 98

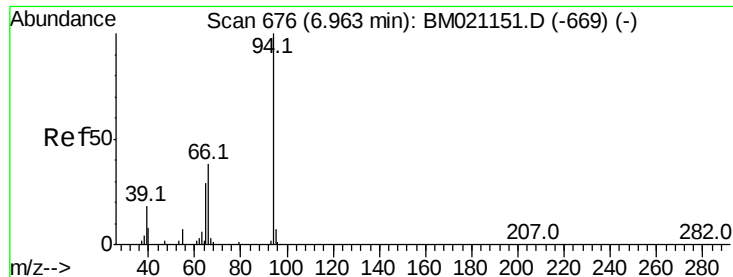
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.223 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

Instrument :

BNA_M

ClientSampleId :

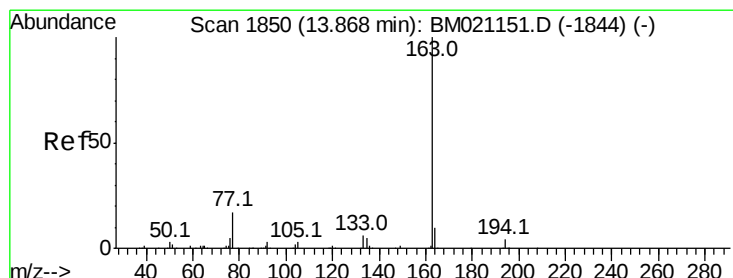
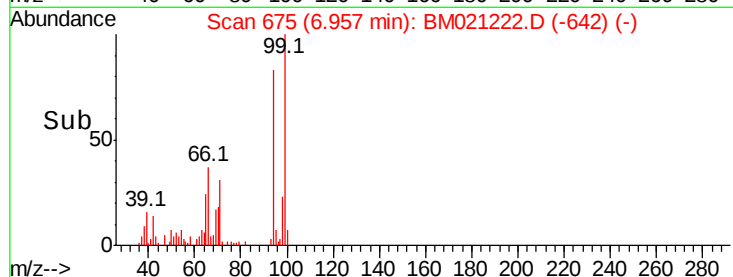
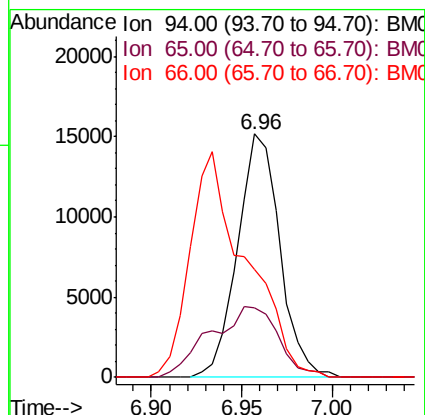
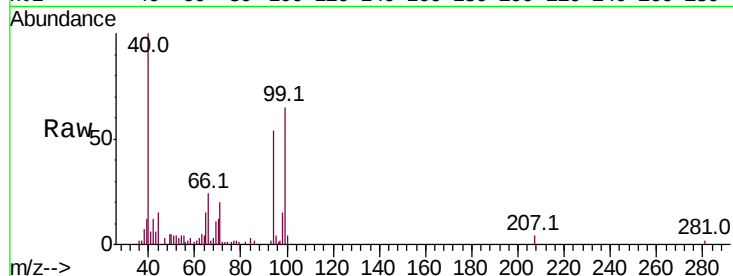
Tot Ion: 94 Resp: 24680

Ion Ratio Lower Upper

94 100

65 28.7 22.6 34.0

66 44.4 31.2 46.8



#44

Dimethylphthalate

Concen: 5.916 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

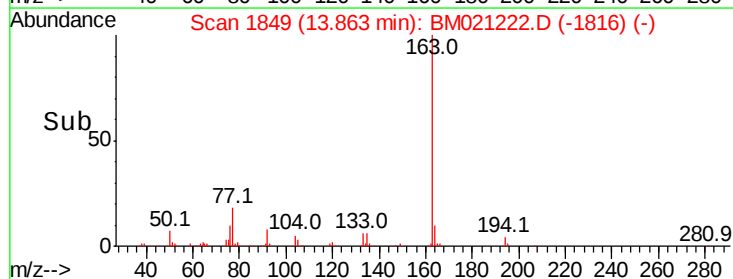
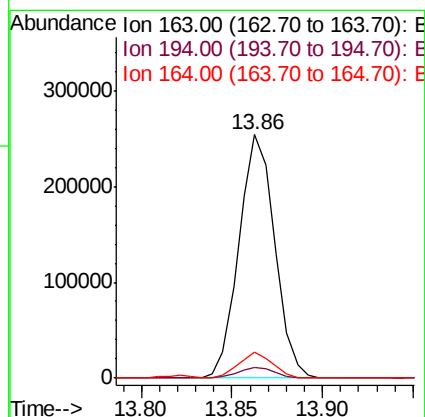
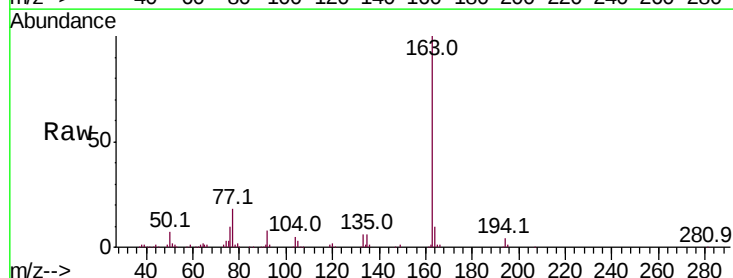
Tgt Ion:163 Resp: 349117

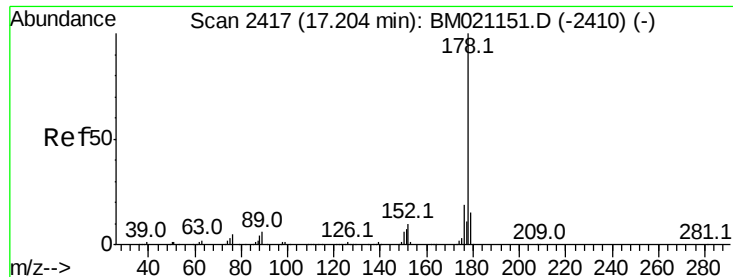
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.5 7.7 11.5





#69

Phenanthrene

Concen: 11.308 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

Instrument :

BNA_M

ClientSampleId :

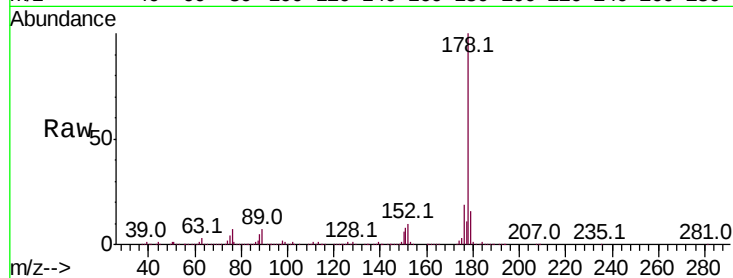
Tot Ion:178 Resp: 1052022

Ion Ratio Lower Upper

178 100

179 15.7 11.8 17.8

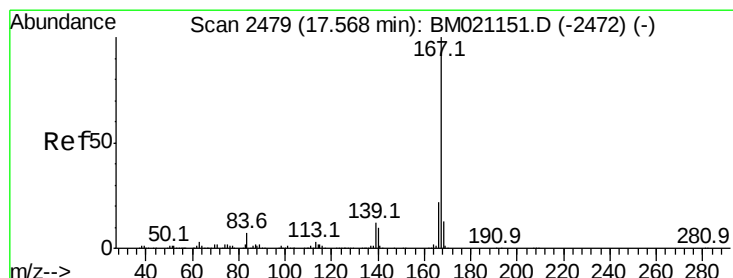
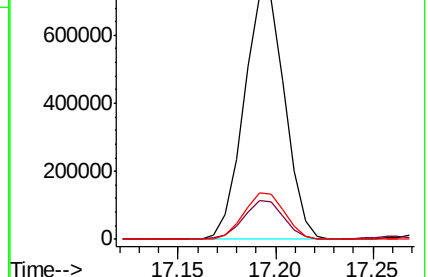
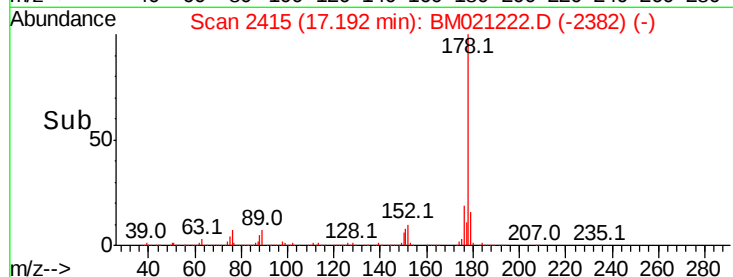
176 19.4 15.0 22.6



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



#74

Carbazole

Concen: 1.059 ng/ul

RT: 17.56 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

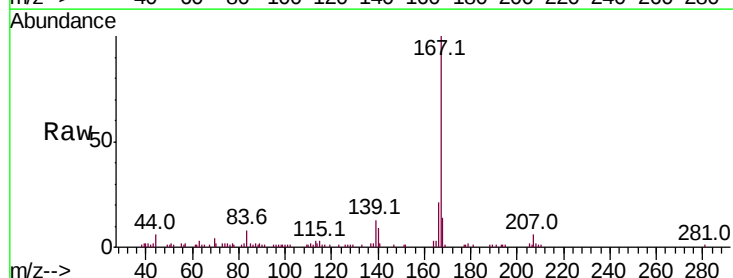
Tgt Ion:167 Resp: 82727

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.2

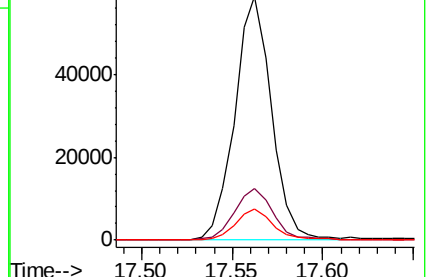
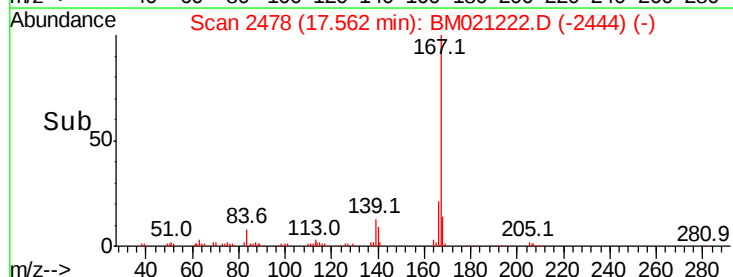
139 12.6 9.8 14.6

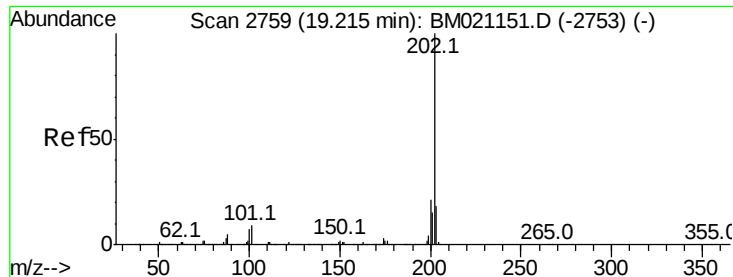


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 20.936 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

Instrument :

BNA_M

ClientSampleId :

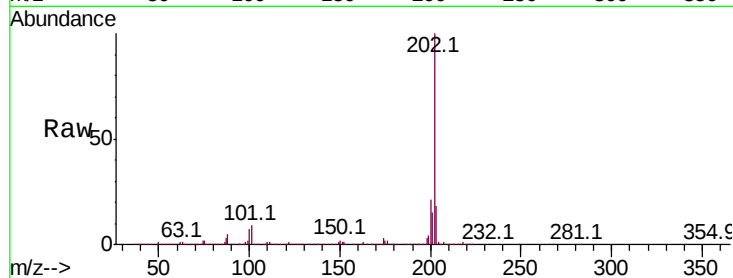
Tot Ion:202 Resp: 2104617

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.7	10.1
100	6.9	5.5	8.3

202 100

101 9.0 6.7 10.1

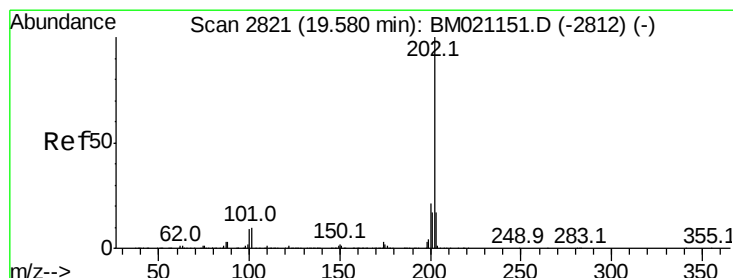
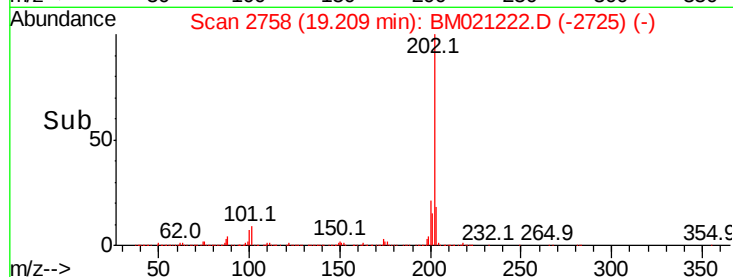
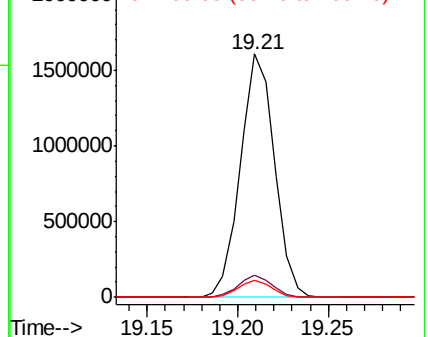
100 6.9 5.5 8.3



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: 17.561 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

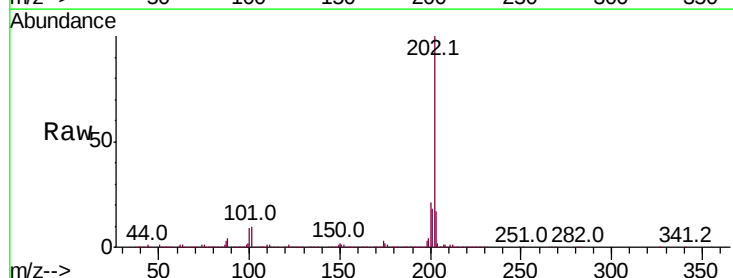
Tgt Ion:202 Resp: 1599601

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.1	12.1
100	8.6	6.6	10.0

202 100

101 10.4 8.1 12.1

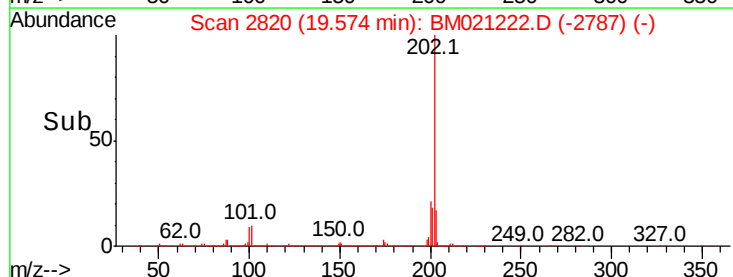
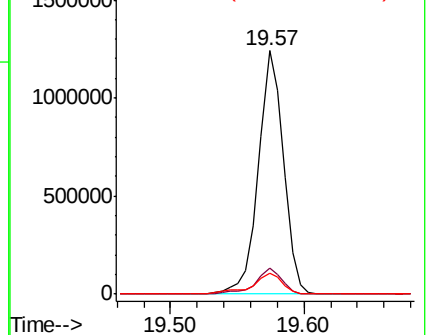
100 8.6 6.6 10.0

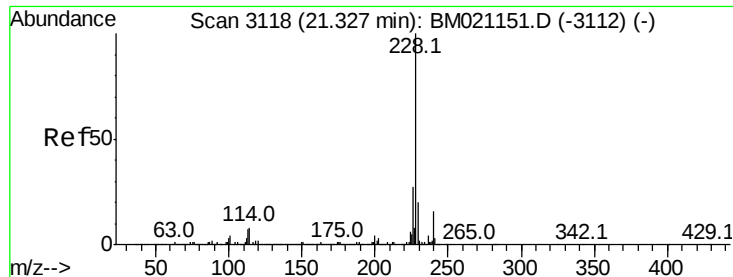


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

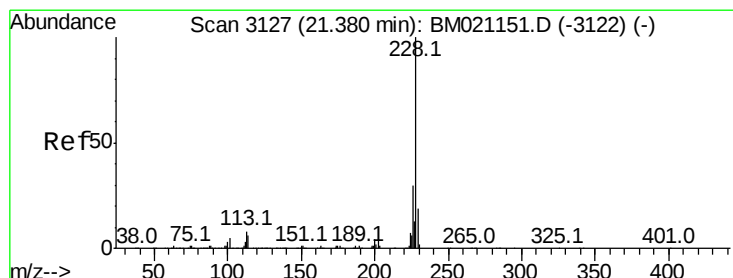
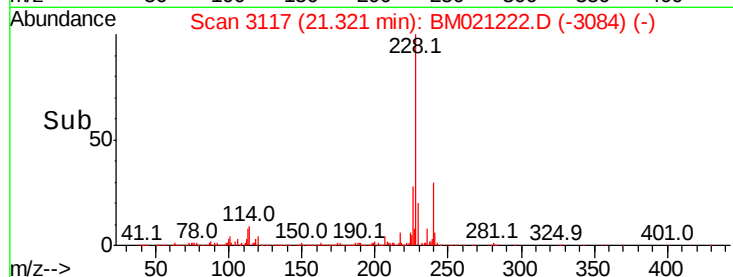
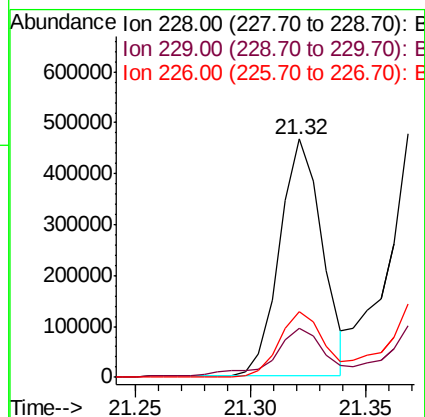
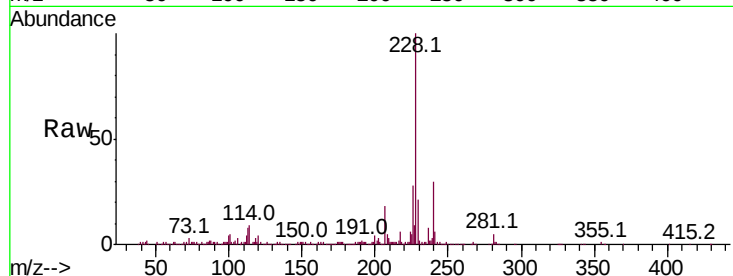




#82
Benzo(a)anthracene
Concen: 6.816 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021222.D
Acq: 27 Jun 2019 18:21

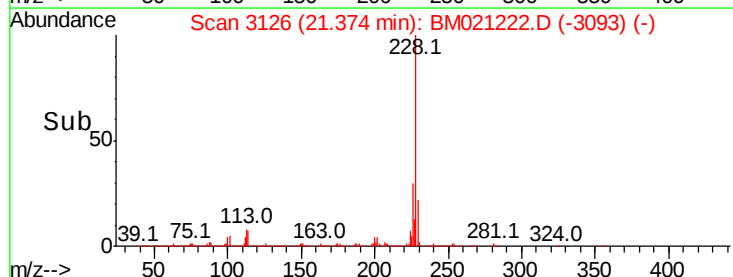
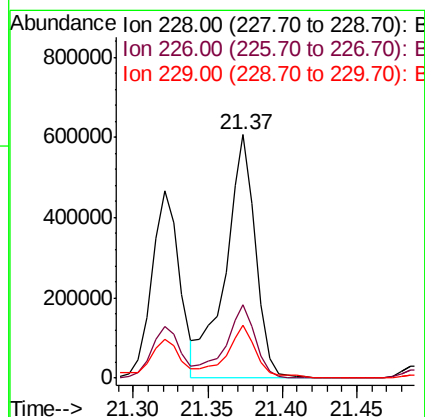
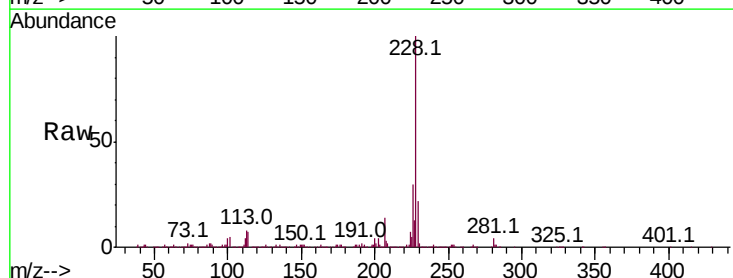
Instrument :
BNA_M
ClientSampleId :

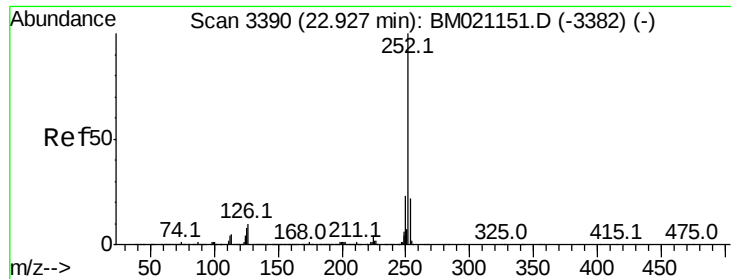
Tot Ion:228 Resp: 598701
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 27.8 21.4 32.2



#84
Chrysene
Concen: 10.364 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021222.D
Acq: 27 Jun 2019 18:21

Tgt Ion:228 Resp: 852625
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 21.7 15.4 23.2

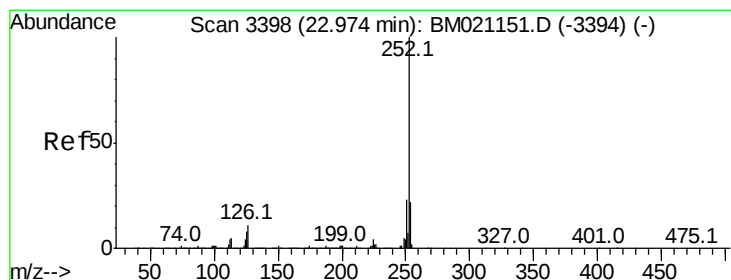
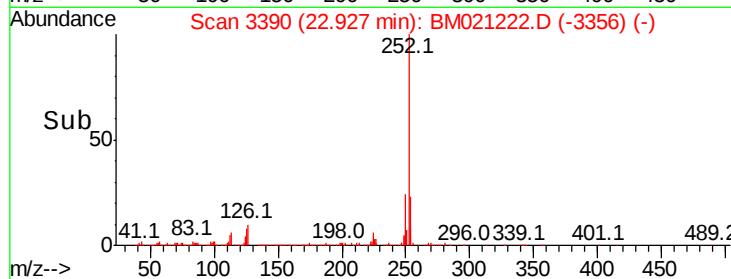
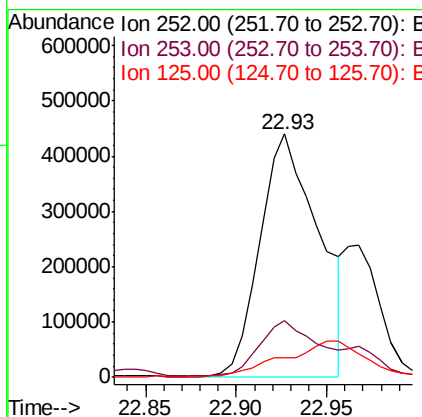
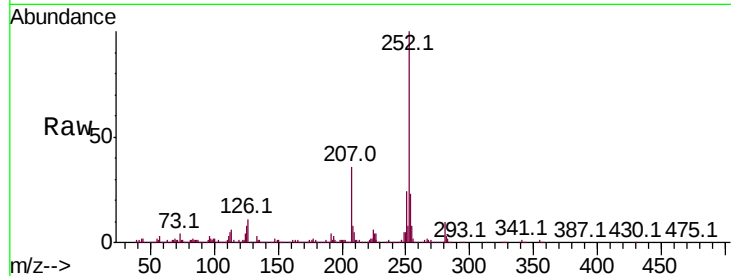




#87
Benzo(b)fluoranthene
Concen: 12.330 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BM021222.D
Acq: 27 Jun 2019 18:21

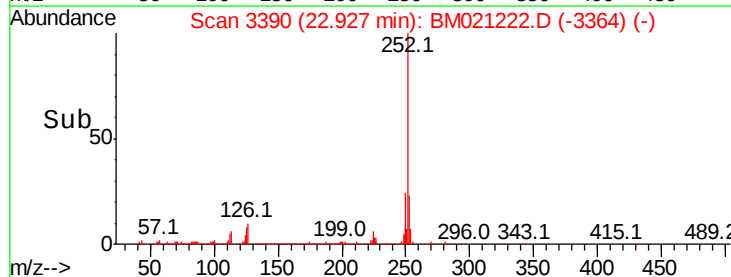
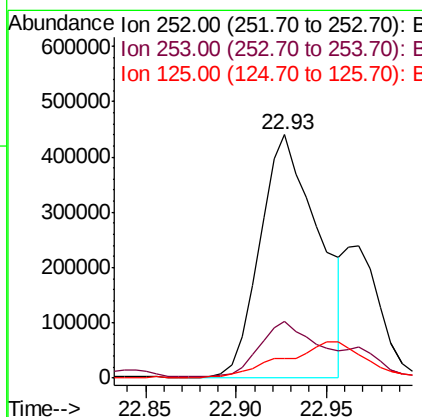
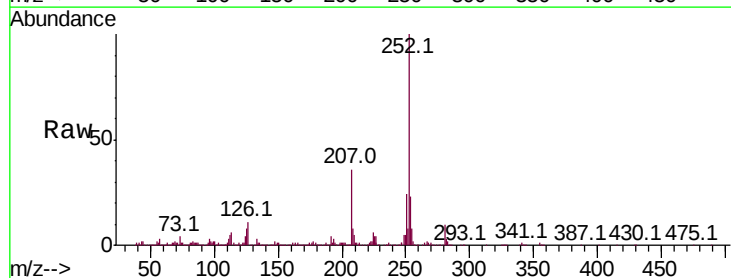
Instrument :
BNA_M
ClientSampled :

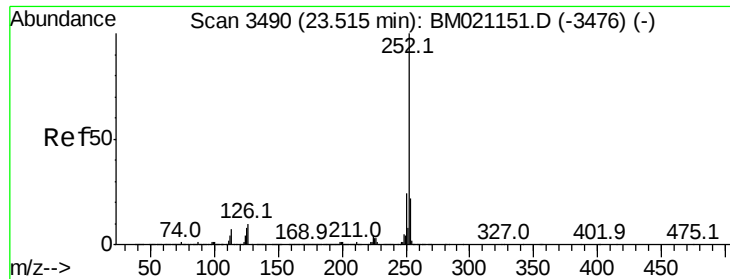
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	8.1	6.3	9.5



#88
Benzo(k)fluoranthene
Concen: 12.817 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM021222.D
Acq: 27 Jun 2019 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	8.1	6.6	9.8





#90

Benzo(a)pyrene

Concen: 6.746 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

Instrument :

BNA_M

ClientSampleId :

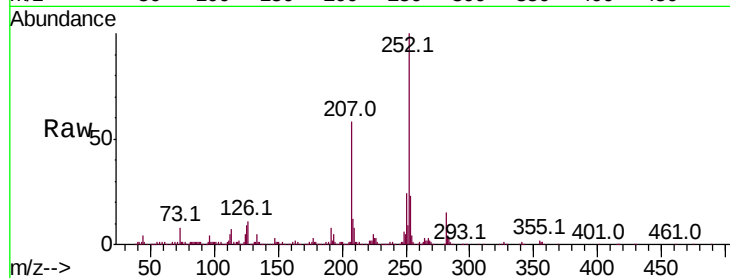
Tot Ion:252 Resp: 508948

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

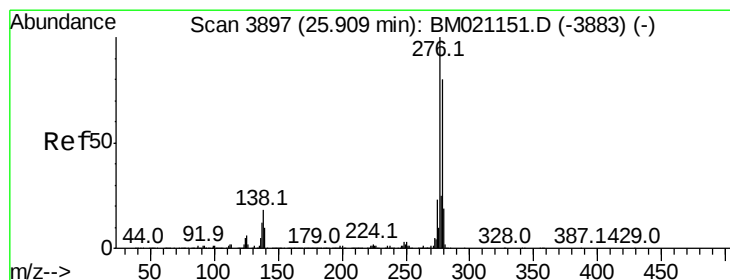
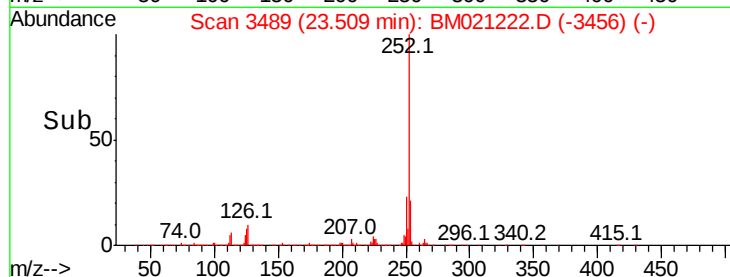
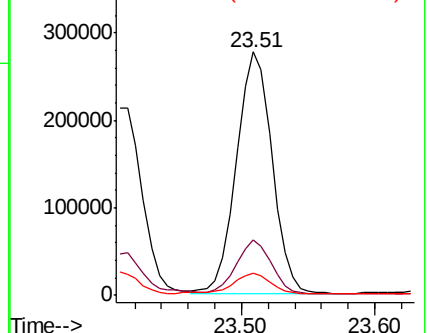
125 9.0 7.2 10.8



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: 4.546 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

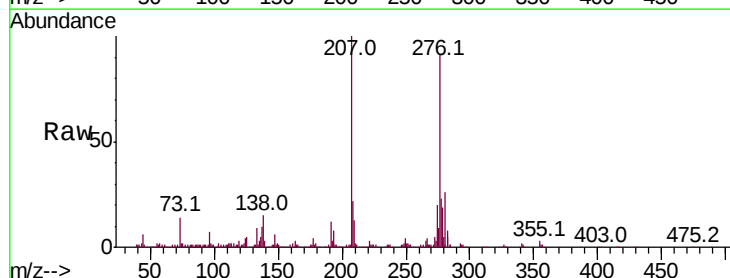
Tgt Ion:276 Resp: 403899

Ion Ratio Lower Upper

276 100

138 16.2 15.9 23.9

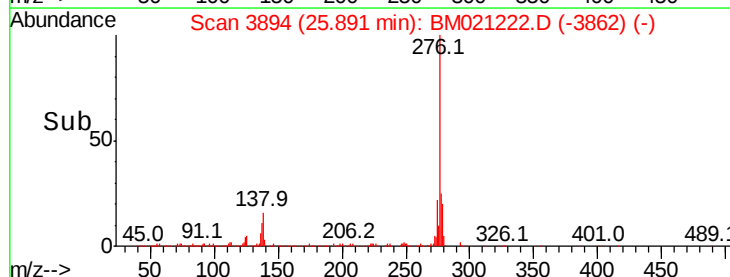
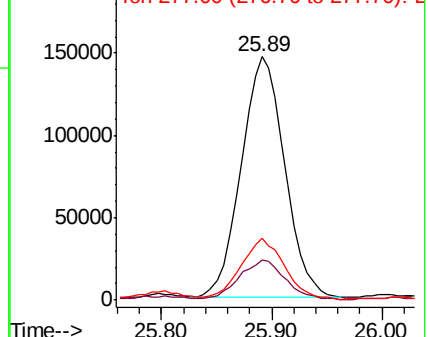
277 25.5 20.4 30.6

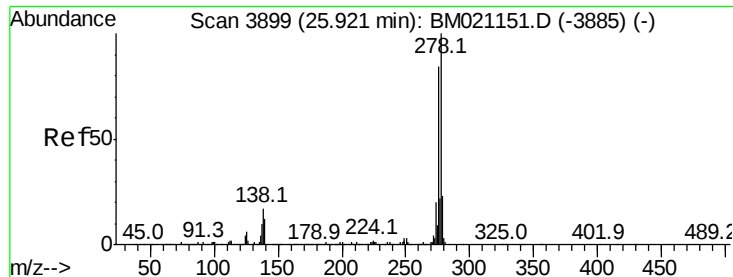


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.409 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

Instrument :

BNA_M

ClientSampleId :

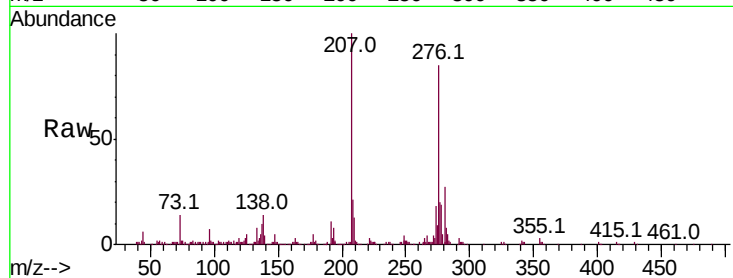
Tot Ion:278 Resp: 105303

Ion Ratio Lower Upper

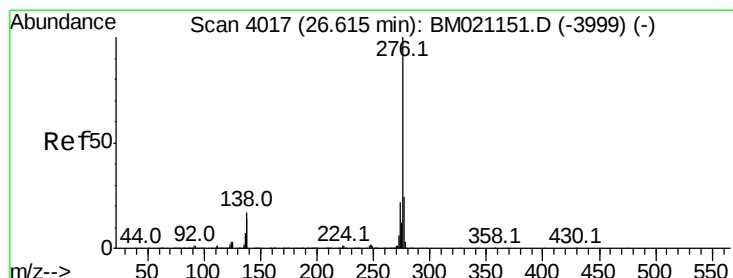
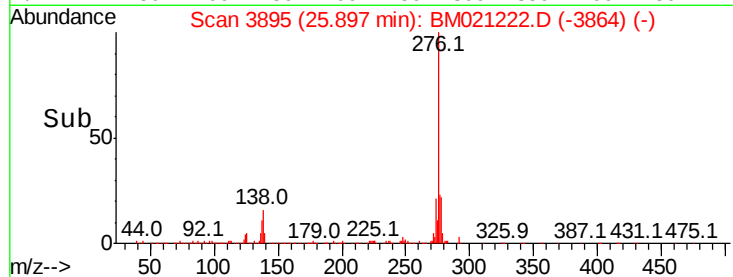
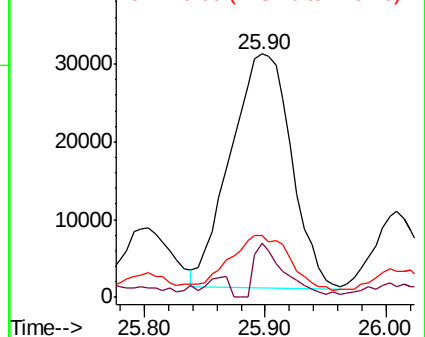
278 100

139 22.0 10.6 15.8#

279 25.4 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: 4.251 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BM021222.D

Acq: 27 Jun 2019 18:21

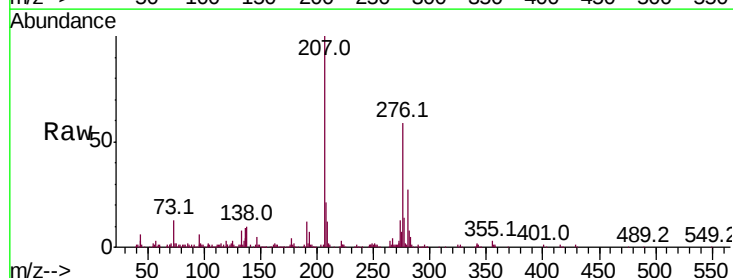
Tgt Ion:276 Resp: 311017

Ion Ratio Lower Upper

276 100

138 17.4 14.6 21.8

277 24.4 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

