

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020774.D
 Acq On : 06 Jun 2019 21:36
 Operator : HP/JU
 Sample : K3016-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 05:49:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 05:12:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	261070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1073782	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	635848	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1447910	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1337734	20.00	ng/ul	-0.01
85) Perylene-d12	23.65	264	1532582	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	24082	4.40	ng/uL	0.00
5) Phenol-d5	6.97	99	411447	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	274086	22.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	356518	22.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	272695	16.97	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	176818	24.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	184974	24.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	354181	22.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	357530	18.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1246939	26.51	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1412524	23.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	118638	14.70	ng/ul	0.00
57) Fluorene-d10	15.45	176	1019883	25.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	108963	14.72	ng/ul	0.00
70) Anthracene-d10	17.29	188	1500884	23.73	ng/ul	0.00
78) Pyrene-d10	19.59	212	1632943	25.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1627866	23.37	ng/ul	0.00

Target Compounds

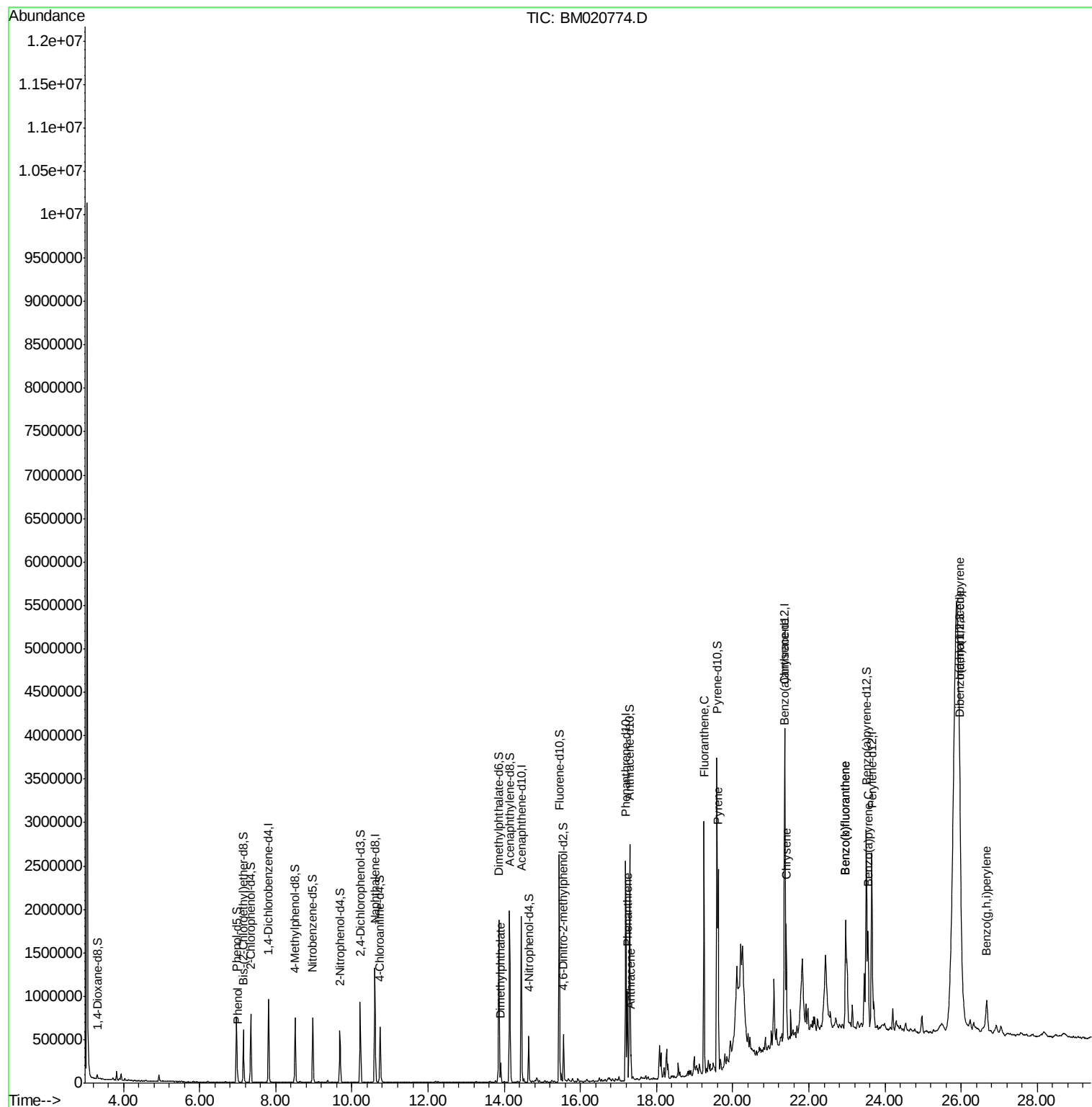
					Ovalue
6) Phenol	7.00	94	34369	1.671	ng/ul 100
44) Dimethylphthalate	13.90	163	135938	2.886	ng/ul 100
69) Phenanthrene	17.23	178	599914	8.233	ng/ul 100
71) Anthracene	17.33	178	177963	2.383	ng/ul 99
76) Fluoranthene	19.25	202	1654634	19.814	ng/ul 99
79) Pyrene	19.62	202	1455187	17.622	ng/ul 99
82) Benzo(a)anthracene	21.36	228	884510	10.599	ng/ul 96
84) Chrysene	21.41	228	779470	10.066	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	1082194	12.138	ng/ul 99
88) Benzo(k)fluoranthene	22.97	252	1082194	12.699	ng/ul 99
90) Benzo(a)pyrene	23.56	252	770130	9.080	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.96	276	534170	5.332	ng/ul 99
92) Dibenzo(a,h)anthracene	25.97	278	139514	1.644	ng/ul# 85
93) Benzo(g,h,i)perylene	26.67	276	387865	4.772	ng/ul 98

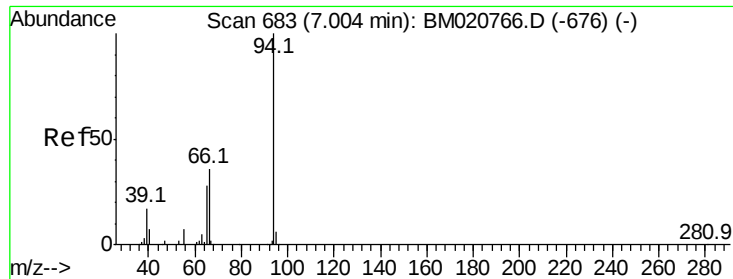
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 05:12:28 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.671 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

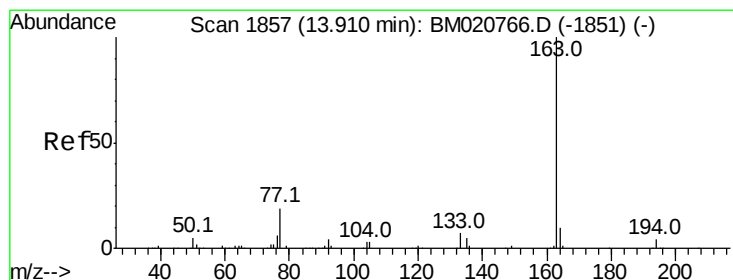
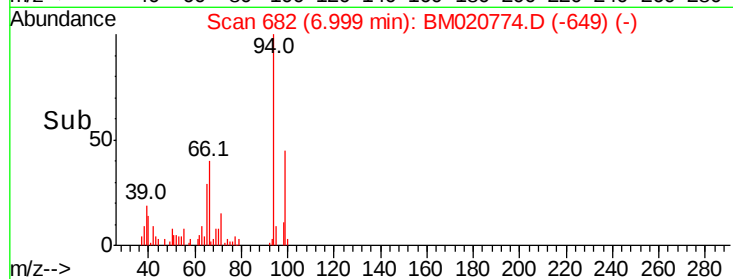
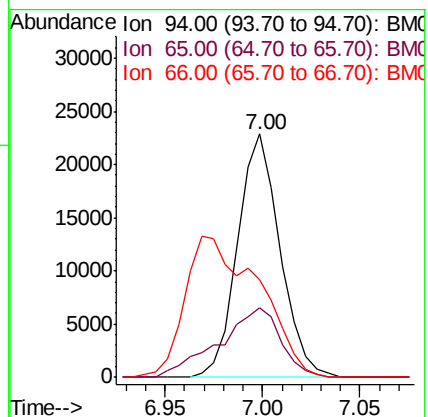
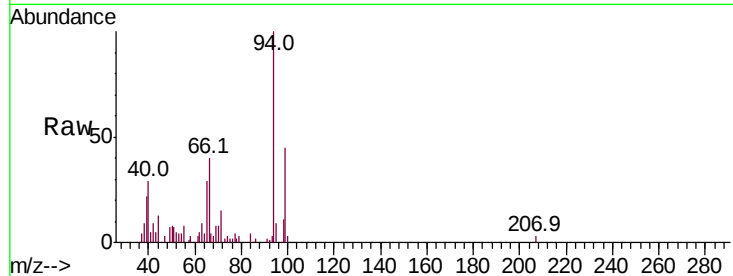
Tot Ion: 94 Resp: 34369

Ion Ratio Lower Upper

94 100

65 28.8 23.3 34.9

66 40.3 32.1 48.1



#44

Dimethylphthalate

Concen: 2.886 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

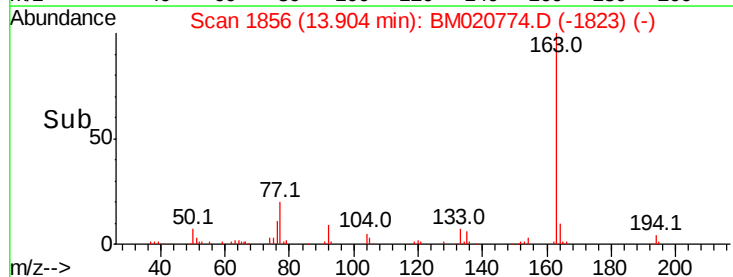
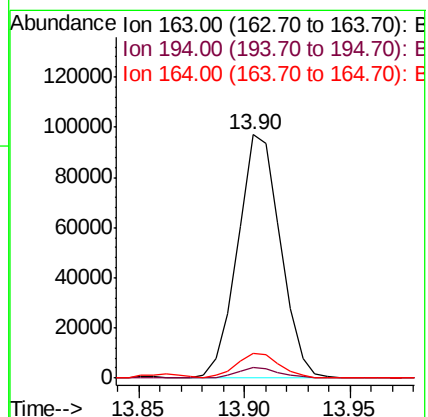
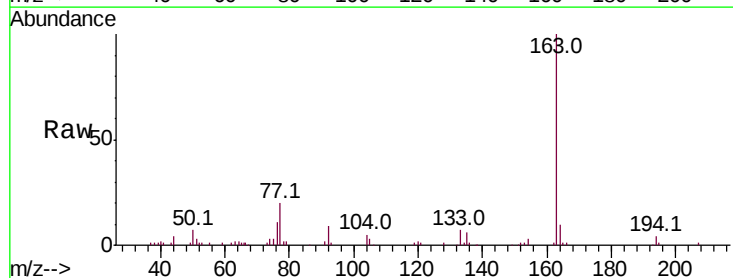
Tgt Ion: 163 Resp: 135938

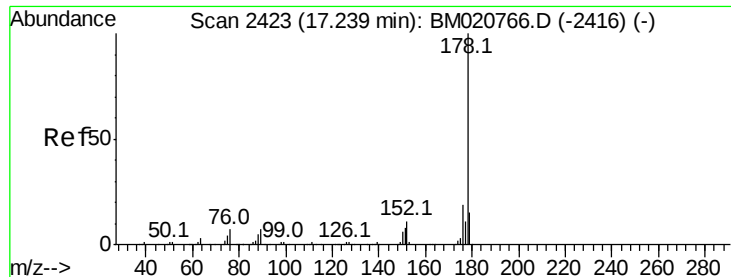
Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 9.9 8.0 12.0





#69

Phenanthrene

Concen: 8.233 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Instrument :

BNA_M

ClientSampled :

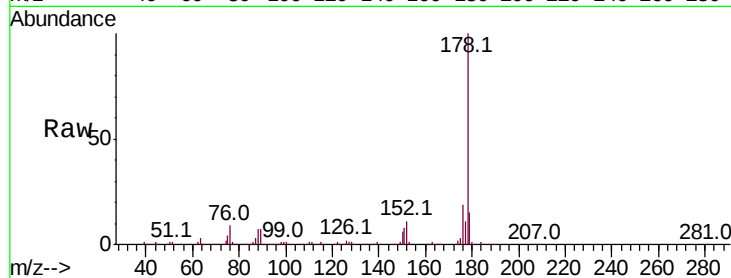
Tot Ion:178 Resp: 599914

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

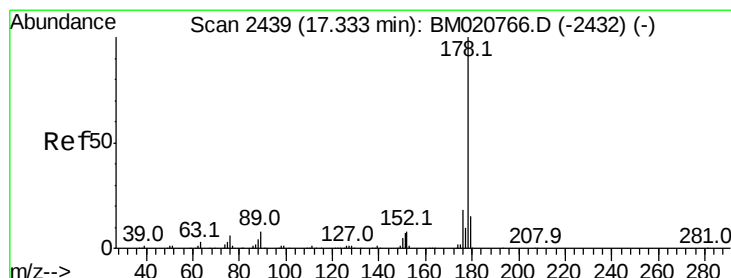
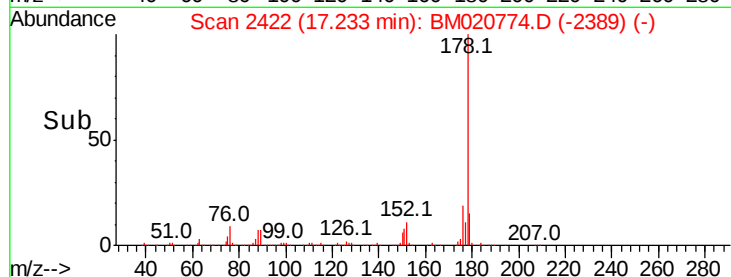
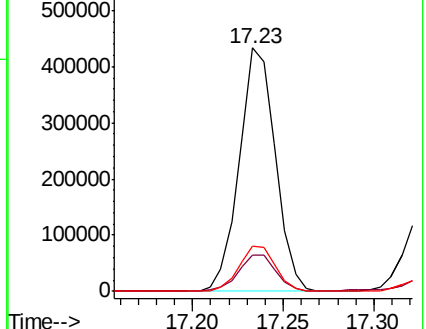
176 18.5 14.8 22.2



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: 2.383 ng/ul

RT: 17.33 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

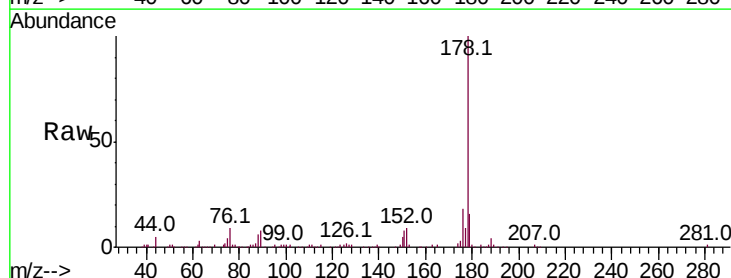
Tgt Ion:178 Resp: 177963

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

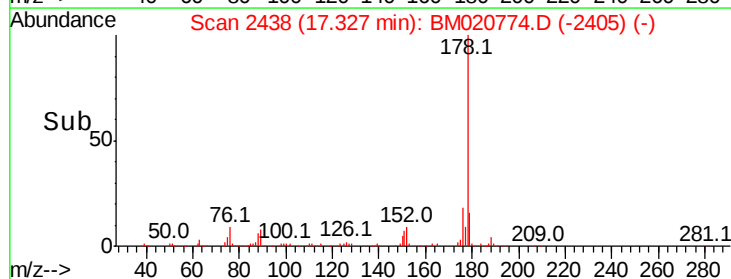
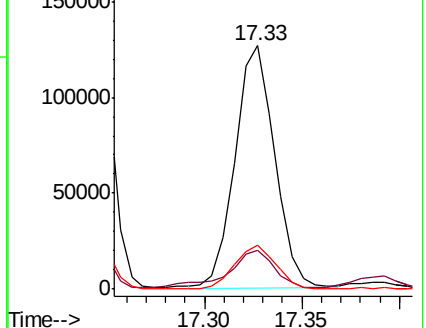
176 18.1 14.9 22.3

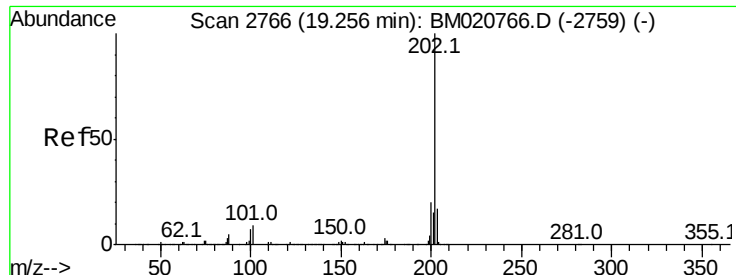


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

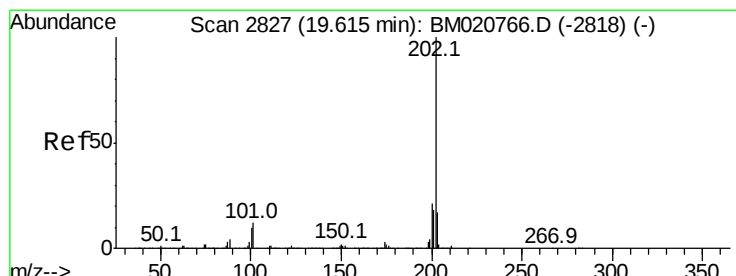
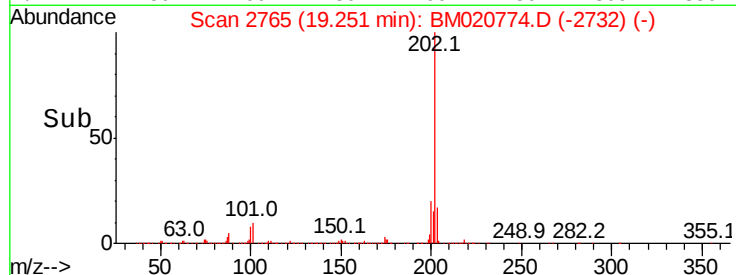
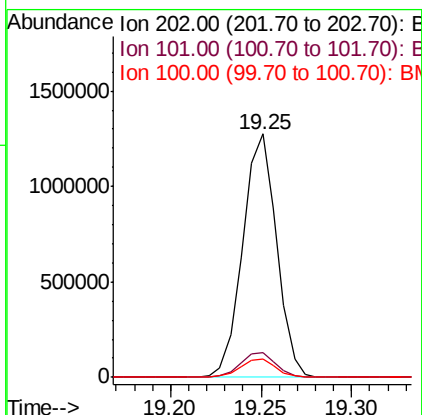
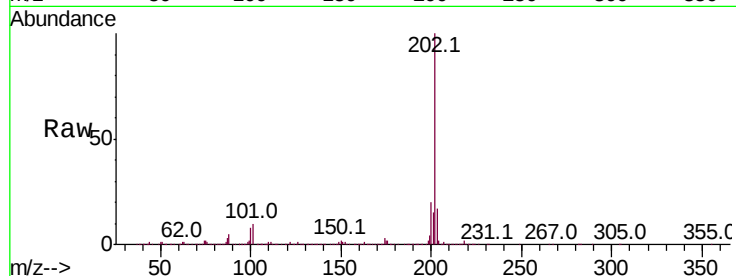




#76
 Fluoranthene
 Concen: 19.814 ng/ul
 RT: 19.25 min Scan# 2765
 Delta R.T. -0.01 min
 Lab File: BM020774.D
 Acq: 06 Jun 2019 21:36

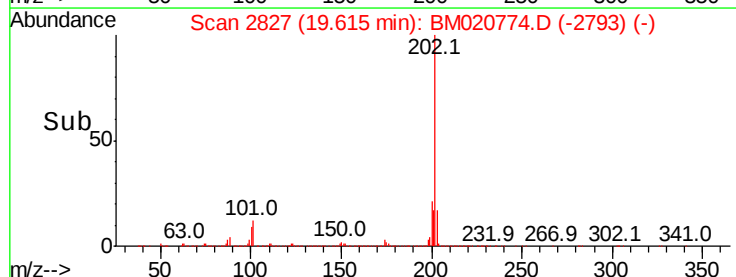
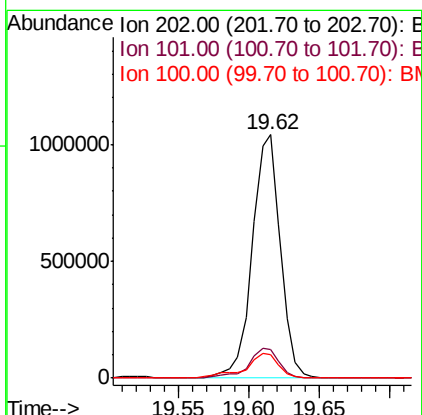
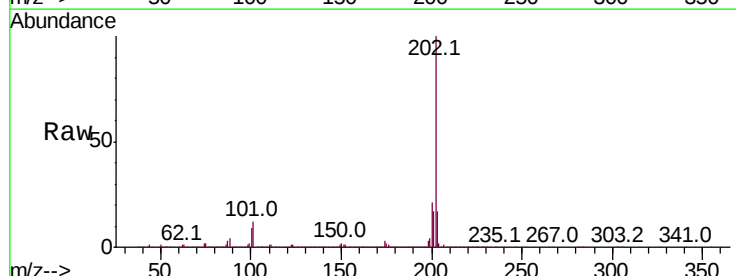
Instrument :
 BNA_M
 ClientSampleId :

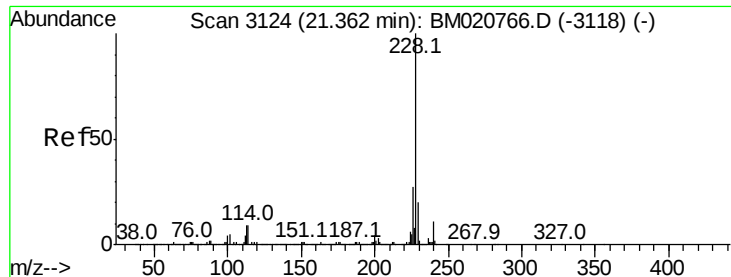
Tot Ion:202 Resp: 1654634
 Ion Ratio Lower Upper
 202 100
 101 10.3 7.9 11.9
 100 7.7 6.2 9.4



#79
 Pyrene
 Concen: 17.622 ng/ul
 RT: 19.62 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: BM020774.D
 Acq: 06 Jun 2019 21:36

Tgt Ion:202 Resp: 1455187
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.8 14.6
 100 9.4 8.0 12.0





#82

Benzo(a)anthracene

Concen: 10.599 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

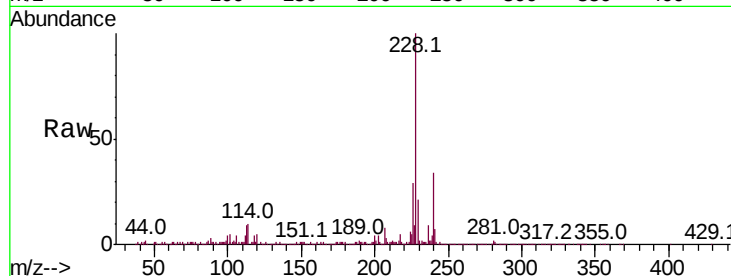
Tot Ion:228 Resp: 884510

Ion Ratio Lower Upper

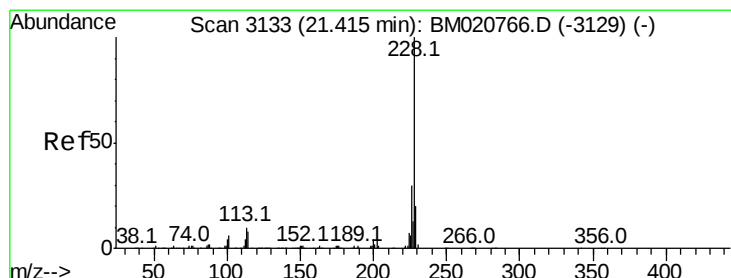
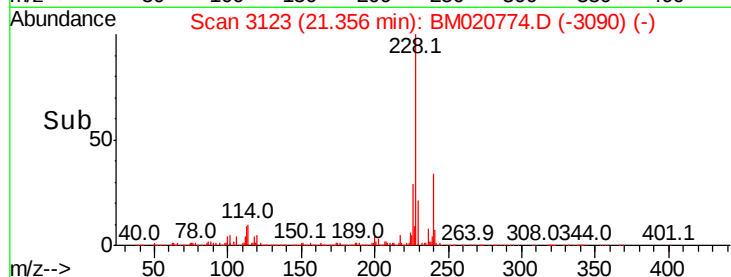
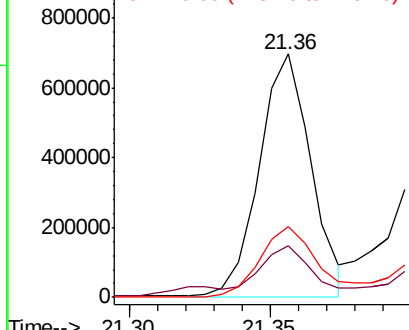
228 100

229 21.2 15.6 23.4

226 29.1 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



#84

Chrysene

Concen: 10.066 ng/ul

RT: 21.41 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

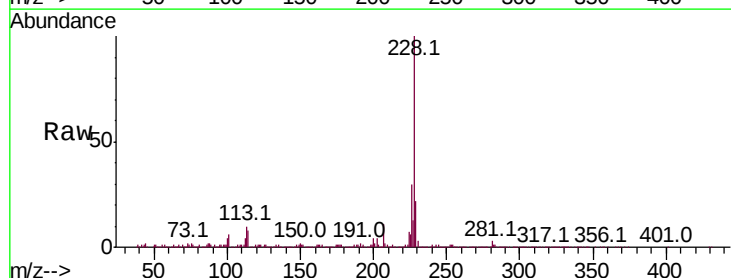
Tgt Ion:228 Resp: 779470

Ion Ratio Lower Upper

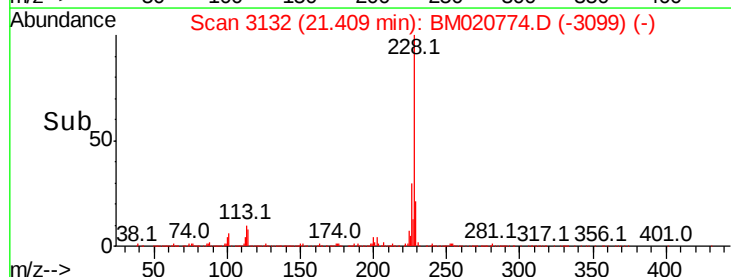
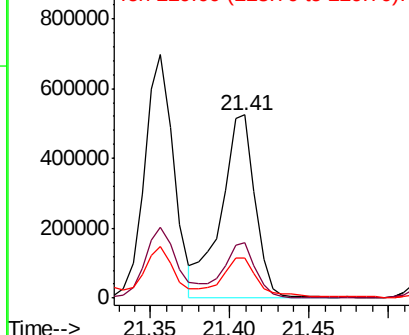
228 100

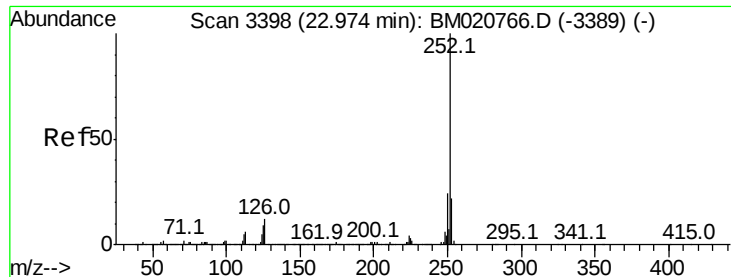
226 30.1 24.4 36.6

229 21.6 16.2 24.2



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: 12.138 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Instrument :

BNA_M

ClientSampled :

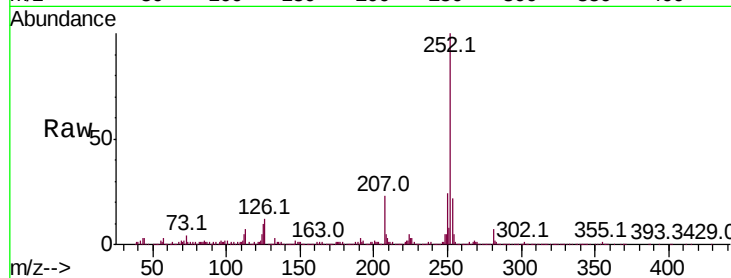
Tot Ion:252 Resp: 1082194

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

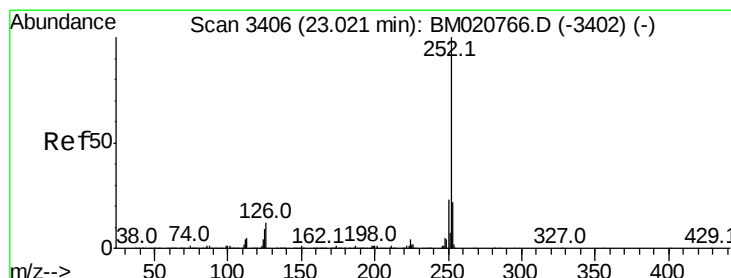
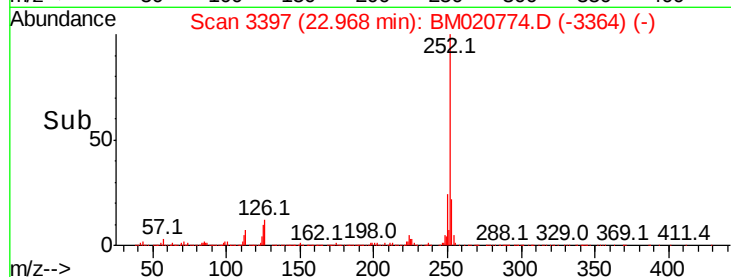
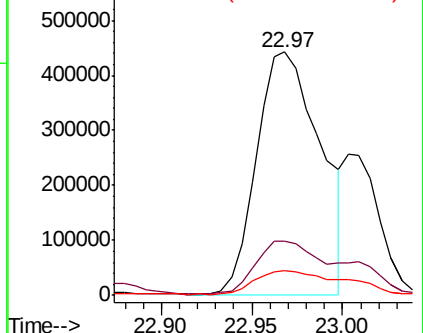
125 9.9 7.3 10.9



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: 12.699 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. -0.05 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

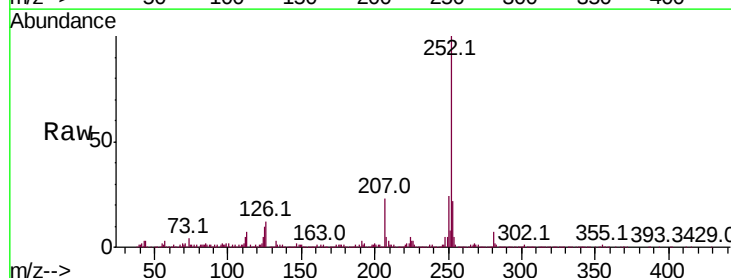
Tgt Ion:252 Resp: 1082194

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

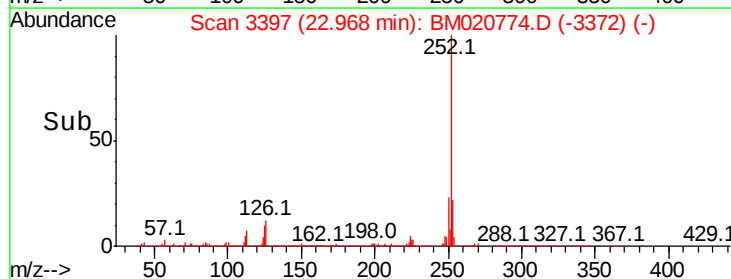
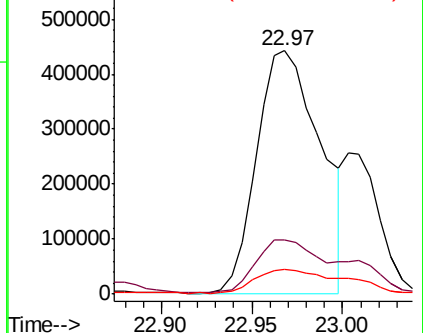
125 9.9 7.3 10.9

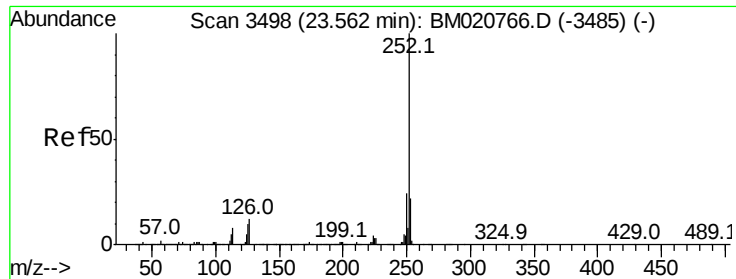


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 9.080 ng/u1

RT: 23.56 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

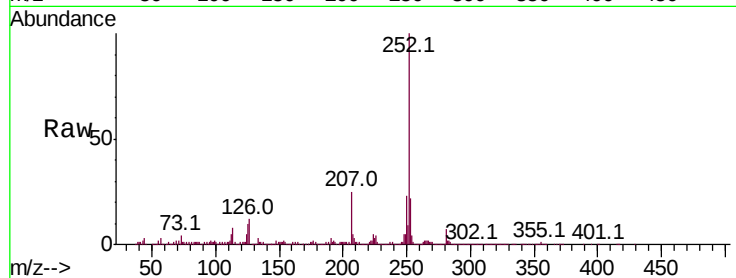
Tot Ion:252 Resp: 770130

Ion Ratio Lower Upper

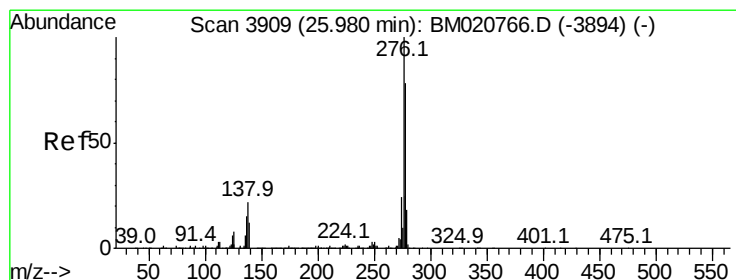
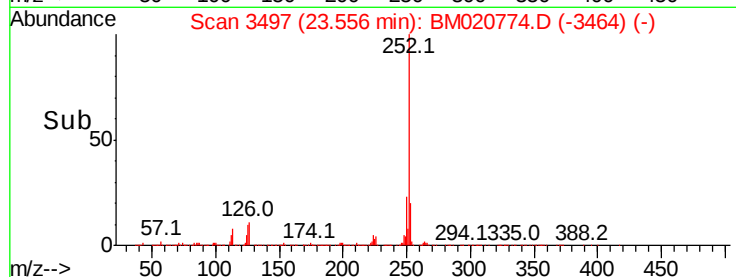
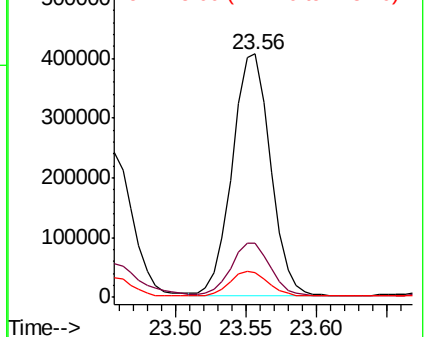
252 100

253 22.0 17.0 25.6

125 10.1 8.2 12.4



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: 5.332 ng/u1

RT: 25.96 min Scan# 3905

Delta R.T. -0.02 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

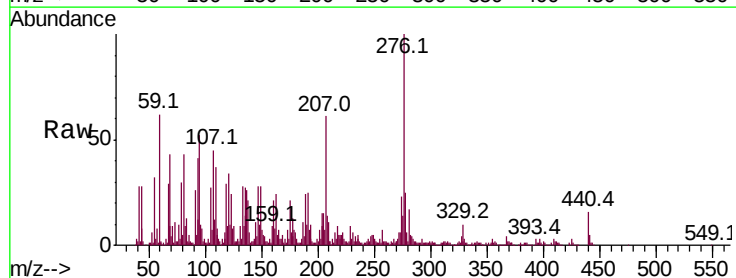
Tgt Ion:276 Resp: 534170

Ion Ratio Lower Upper

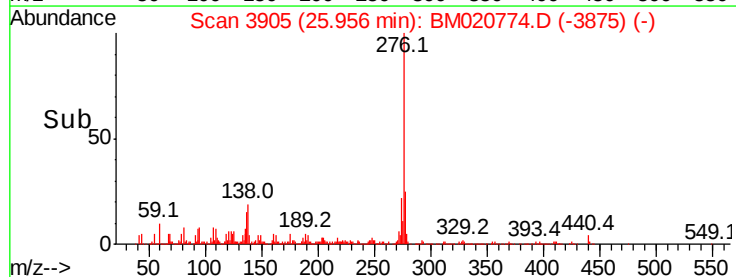
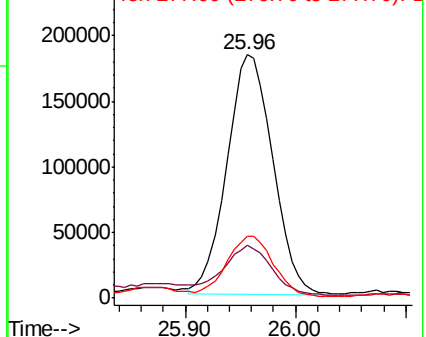
276 100

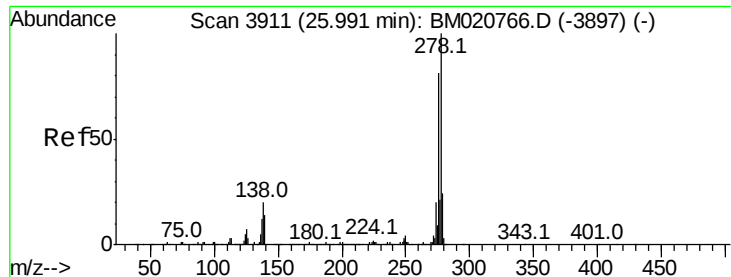
138 21.5 17.8 26.8

277 25.4 20.0 30.0



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



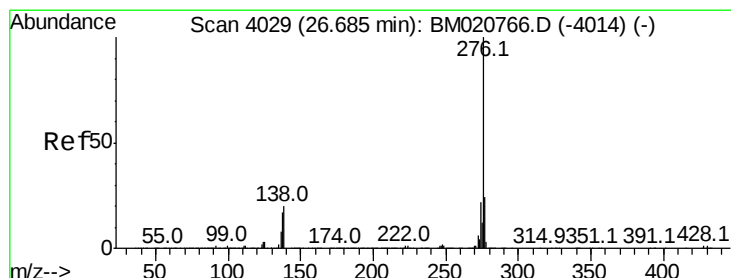
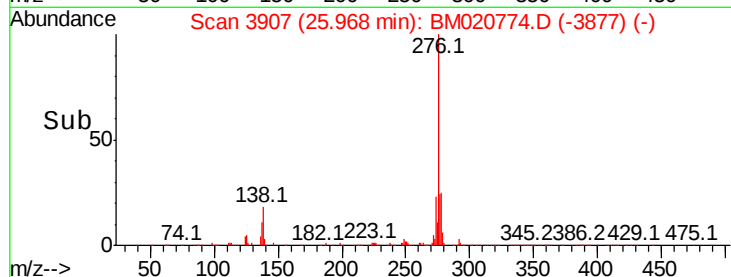
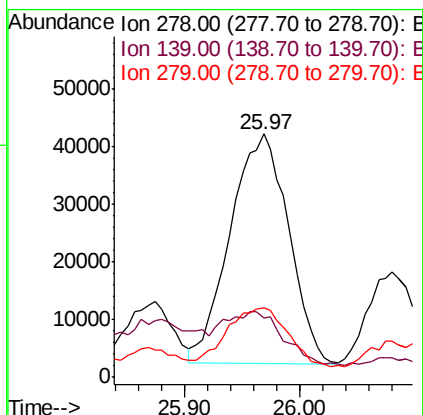
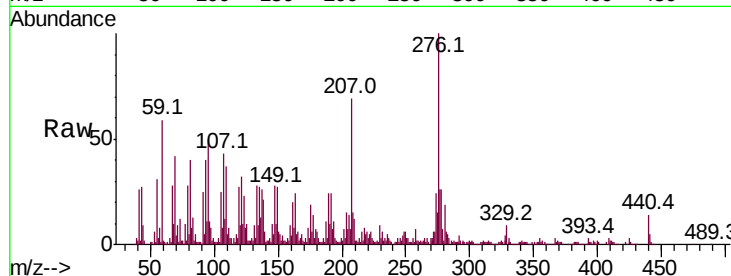


#92

Dibenzo(a,h)anthracene
Concen: 1.644 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. -0.02 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 139514
Ion Ratio Lower Upper
278 100
139 24.1 11.6 17.4#
279 28.4 18.6 28.0#



#93

Benzo(g,h,i)perylene
Concen: 4.772 ng/ul
RT: 26.67 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

Tgt Ion:276 Resp: 387865
Ion Ratio Lower Upper
276 100
138 20.2 16.6 25.0
277 23.3 19.6 29.4

