

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
 Data File : BM020858.D
 Acq On : 11 Jun 2019 05:02
 Operator : HP/JU
 Sample : K3017-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 11 05:42:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	319272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1260315	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	690104	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1490968	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1479793	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1765148	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	25410	3.79	ng/uL	0.00
5) Phenol-d5	6.98	99	449576	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	334205	22.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	454300	23.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	309366	15.74	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	222730	25.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	241411	27.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	435859	23.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	220263	9.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1299470	25.46	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1614410	24.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	115753	13.21	ng/ul	0.00
57) Fluorene-d10	15.44	176	1104755	25.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	58841	7.72	ng/ul	0.00
70) Anthracene-d10	17.29	188	1611296	24.74	ng/ul	0.00
78) Pyrene-d10	19.59	212	1728836	24.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1900028	23.68	ng/ul	0.00

Target Compounds

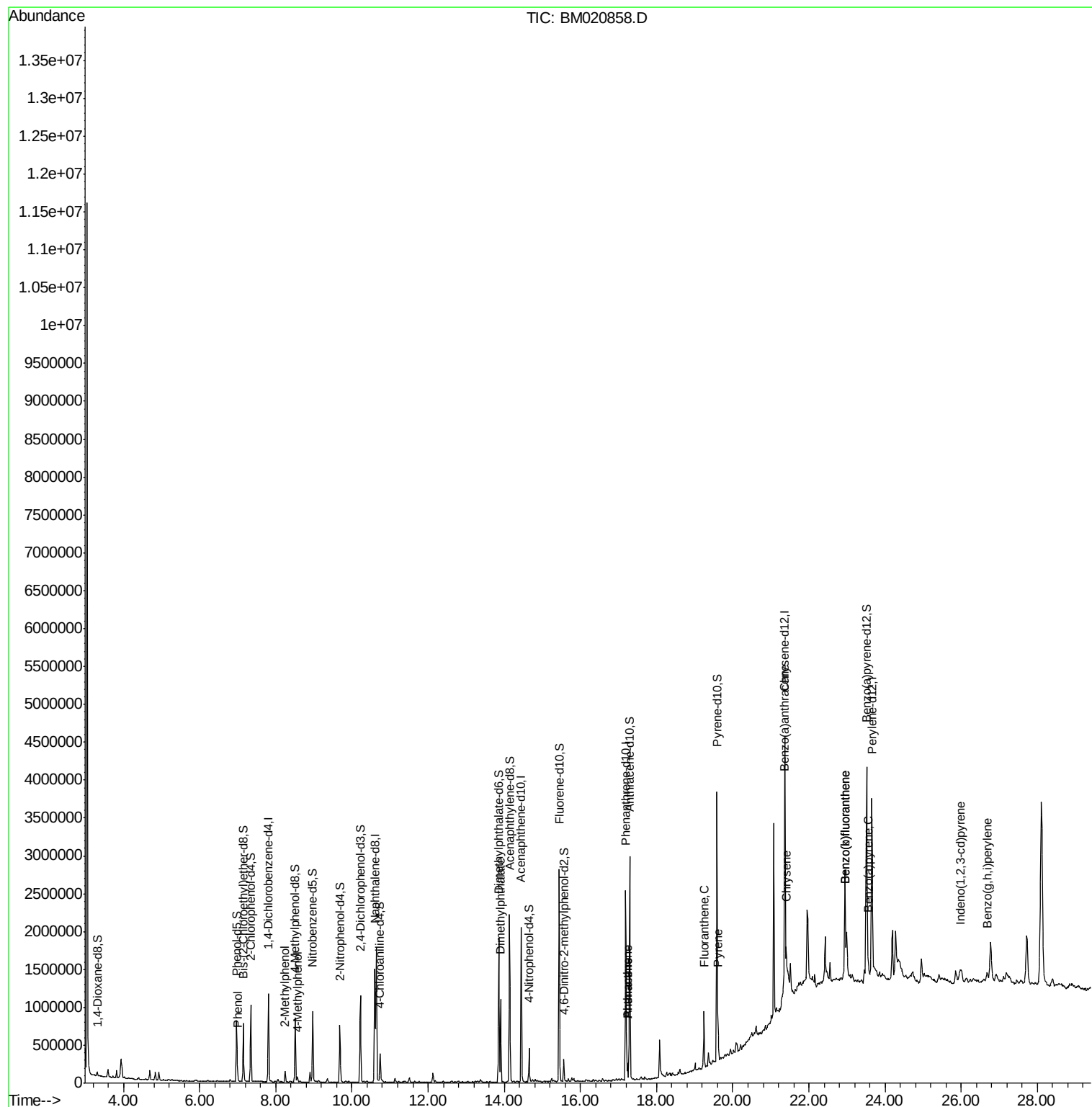
					Ovalue
6) Phenol	7.00	94	38143	1.517	ng/ul 98
11) 2-Methylphenol	8.25	108	43870	2.348	ng/ul 97
16) 4-Methylphenol	8.57	108	23338	1.142	ng/ul 83
44) Dimethylphthalate	13.90	163	693078	13.560	ng/ul 99
69) Phenanthrene	17.23	178	132056	1.760	ng/ul 99
71) Anthracene	17.23	178	132056	1.717	ng/ul 100
76) Fluoranthene	19.25	202	421942	4.907	ng/ul 98
79) Pyrene	19.61	202	330211	3.615	ng/ul 99
82) Benzo(a)anthracene	21.36	228	164445	1.781	ng/ul 94
84) Chrysene	21.40	228	201427	2.352	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	311911	3.038	ng/ul# 95
88) Benzo(k)fluoranthene	22.97	252	311911	3.178	ng/ul# 95
90) Benzo(a)pyrene	23.56	252	177269	1.815	ng/ul# 92
91) Indeno(1,2,3-cd)pyrene	25.97	276	147912	1.282	ng/ul 97
93) Benzo(g,h,i)perylene	26.68	276	126467	1.351	ng/ul# 92

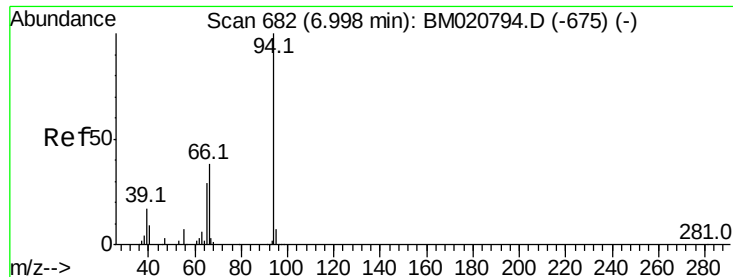
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020858.D
Acq On : 11 Jun 2019 05:02
Operator : HP/JU
Sample : K3017-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 11 05:42:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.517 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. 0.01 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

Instrument :

BNA_M

ClientSampleId :

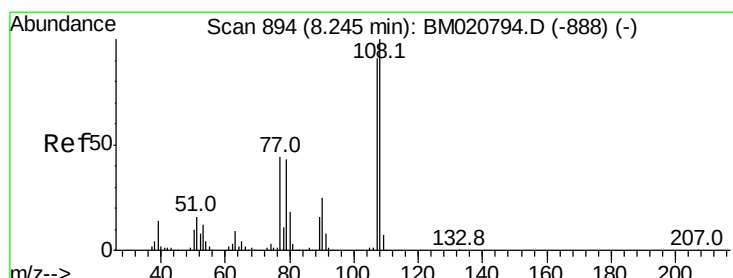
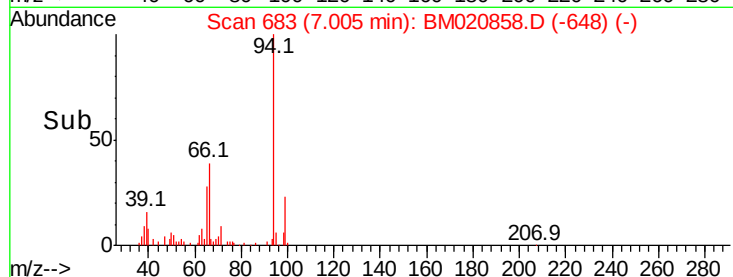
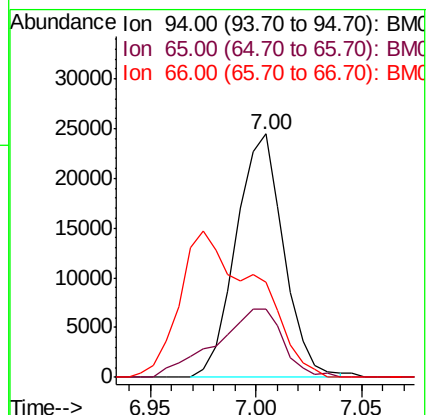
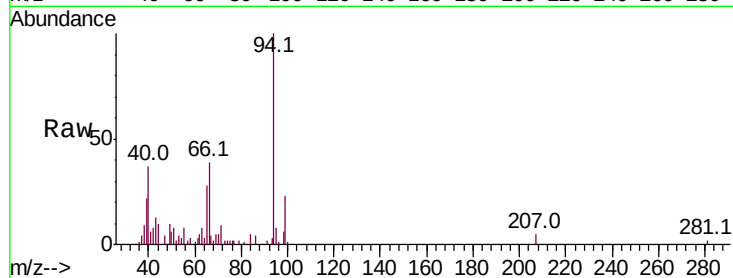
Tot Ion: 94 Resp: 38143

Ion Ratio Lower Upper

94 100

65 27.9 23.3 34.9

66 39.1 32.1 48.1



#11

2-Methylphenol

Concen: 2.348 ng/ul

RT: 8.25 min Scan# 895

Delta R.T. 0.01 min

Lab File: BM020858.D

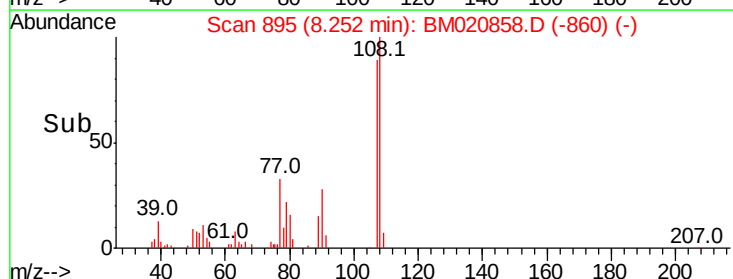
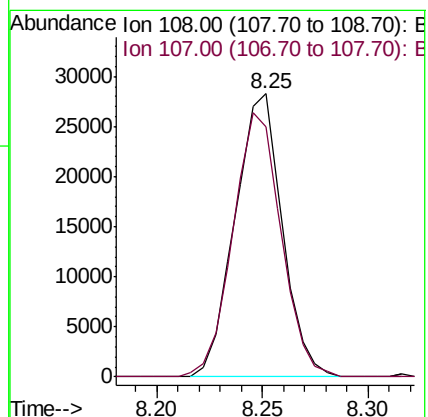
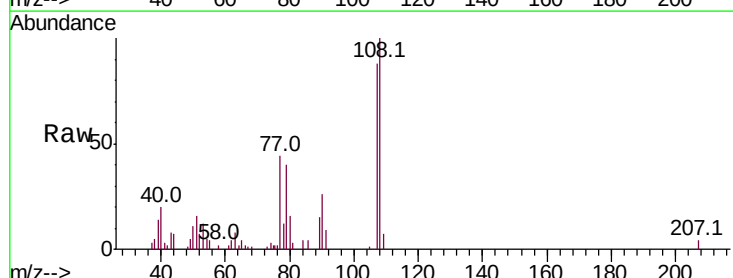
Acq: 11 Jun 2019 05:02

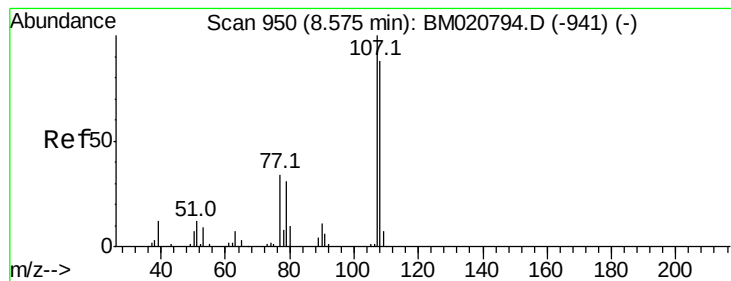
Tgt Ion: 108 Resp: 43870

Ion Ratio Lower Upper

108 100

107 88.4 73.3 109.9





#16

4-Methylphenol

Concen: 1.142 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. -0.01 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

Instrument :

BNA_M

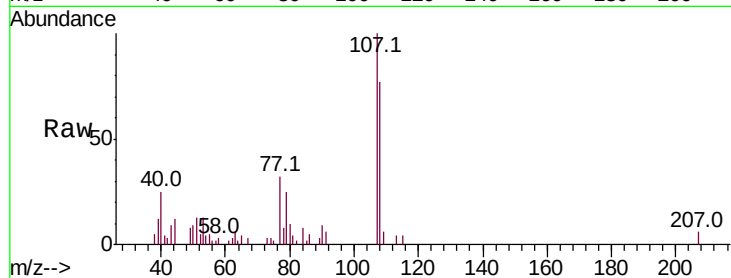
ClientSampleId :

Tot Ion:108 Resp: 23338

Ion Ratio Lower Upper

108 100

107 130.6 90.2 135.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

20000

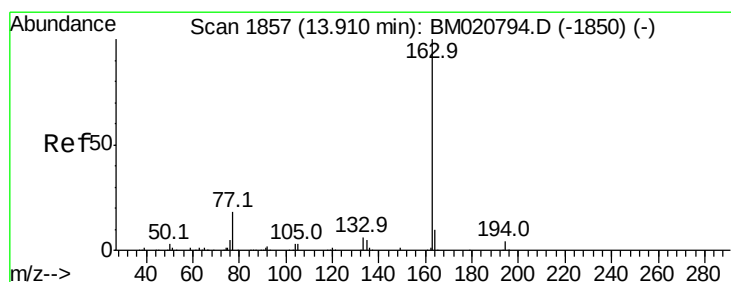
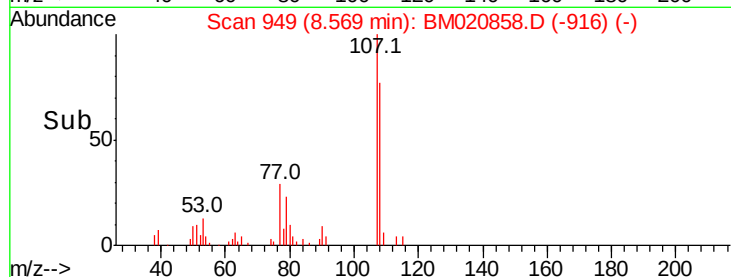
15000

10000

5000

0

Time--> 8.55 8.57 8.60



#44

Dimethylphthalate

Concen: 13.560 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

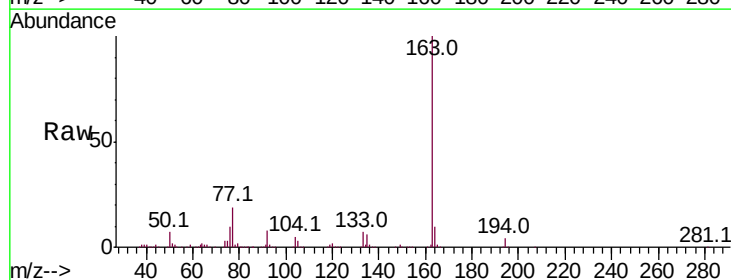
Tgt Ion:163 Resp: 693078

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.4 8.0 12.0



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

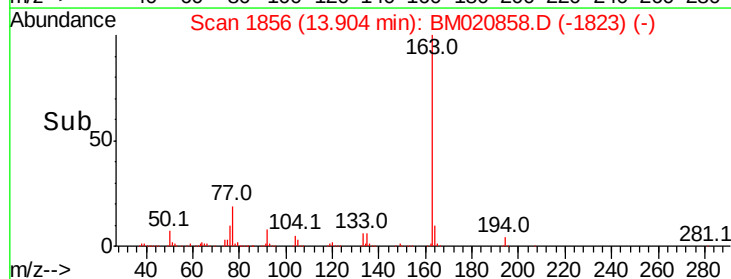
600000

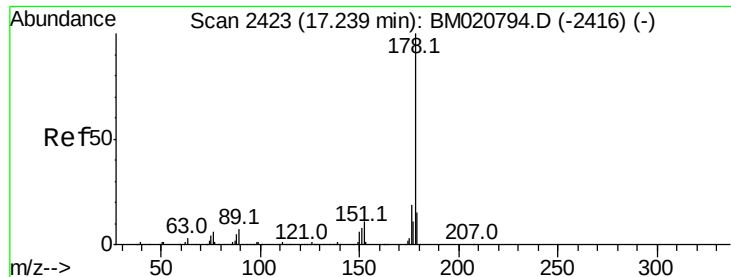
400000

200000

0

Time--> 13.85 13.90 13.95 14.00





#69

Phenanthrene

Concen: 1.760 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

Instrument :

BNA_M

ClientSampleId :

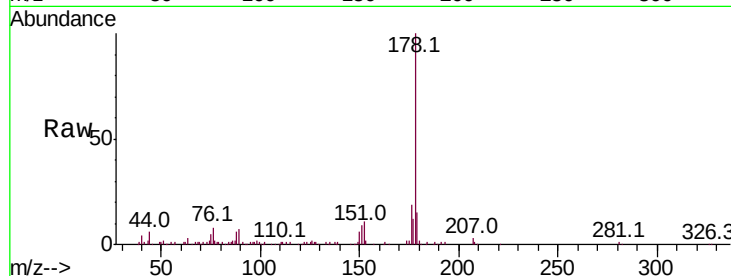
Tot Ion:178 Resp: 132056

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 18.9 14.8 22.2

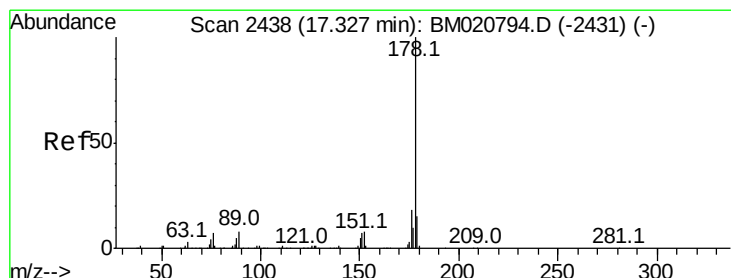
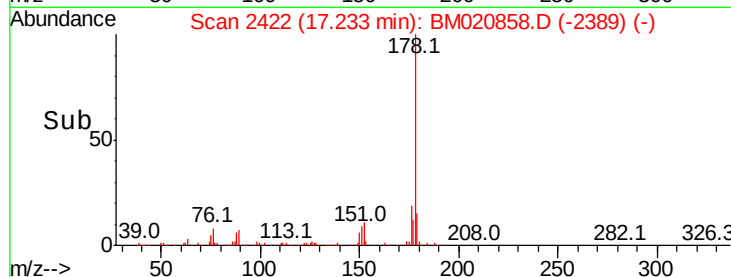
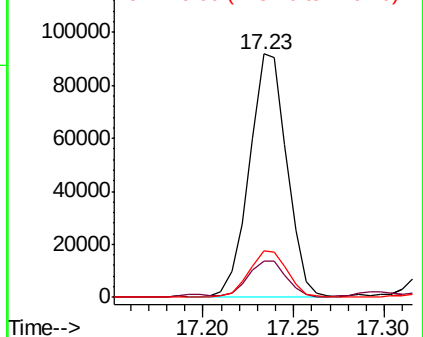


Abundance

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: 1.717 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.09 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

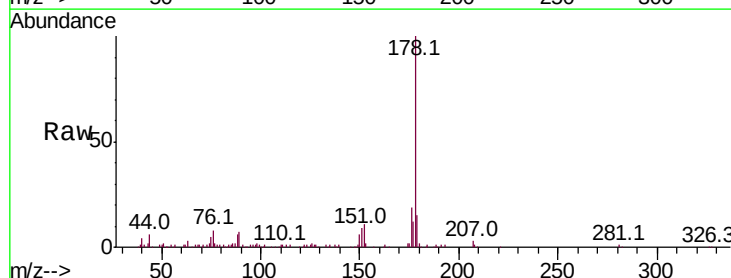
Tgt Ion:178 Resp: 132056

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

176 18.9 14.9 22.3

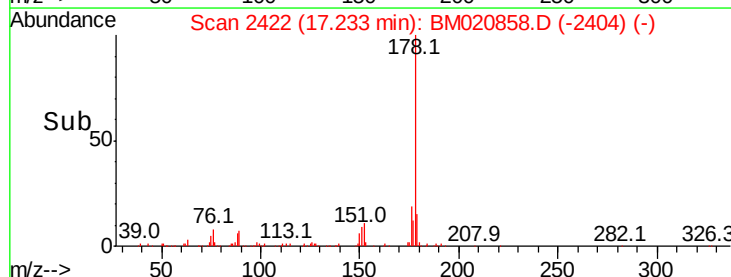
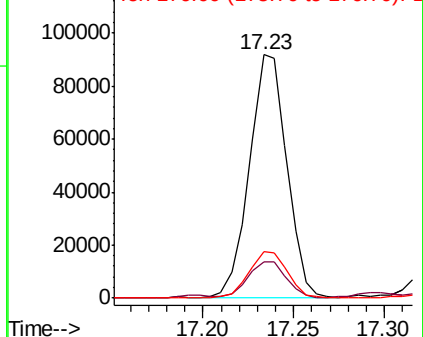


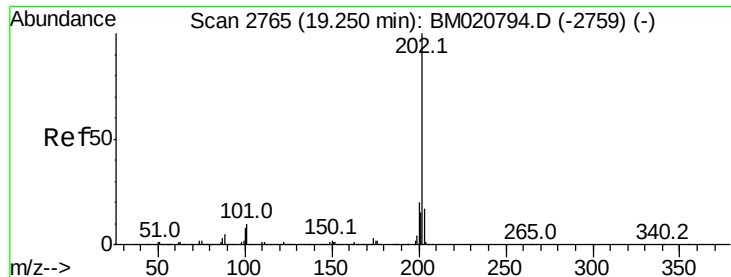
Abundance

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

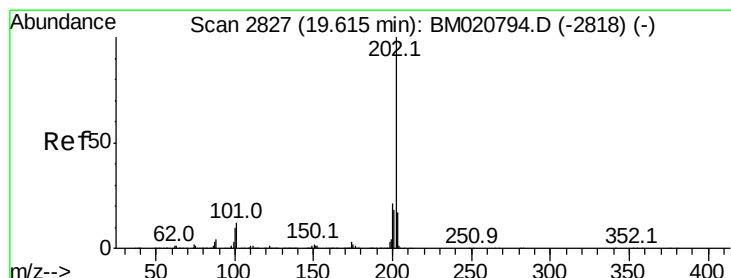
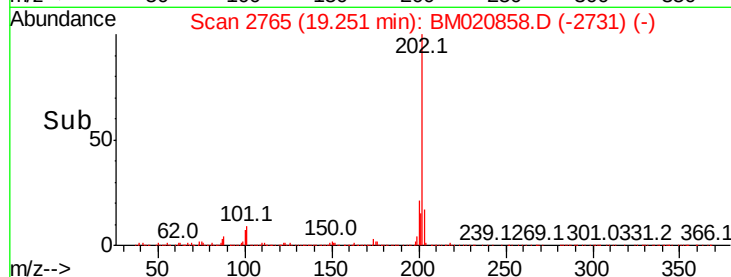
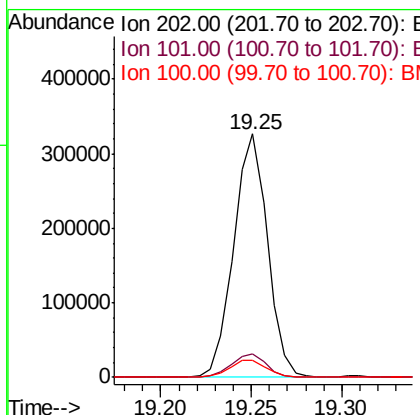
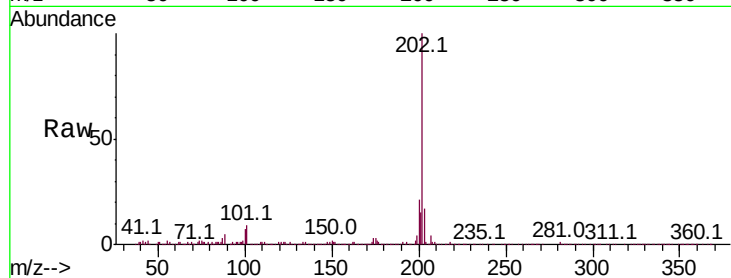




#76
 Fluoranthene
 Concen: 4.907 ng/ul
 RT: 19.25 min Scan# 2765
 Delta R.T. 0.00 min
 Lab File: BM020858.D
 Acq: 11 Jun 2019 05:02

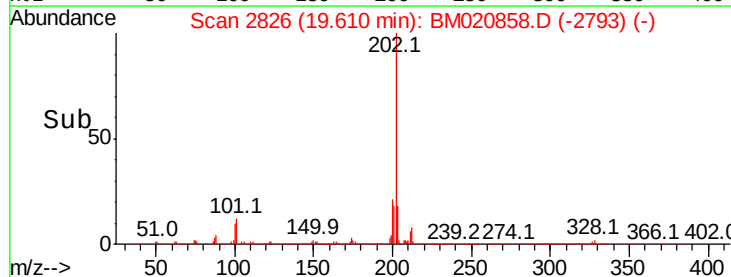
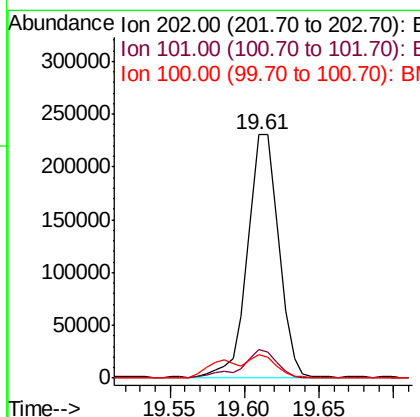
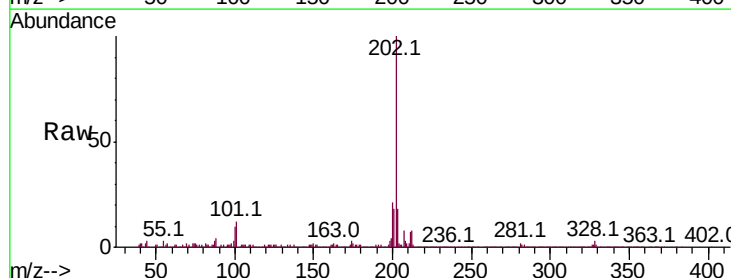
Instrument :
 BNA_M
 ClientSampleId :

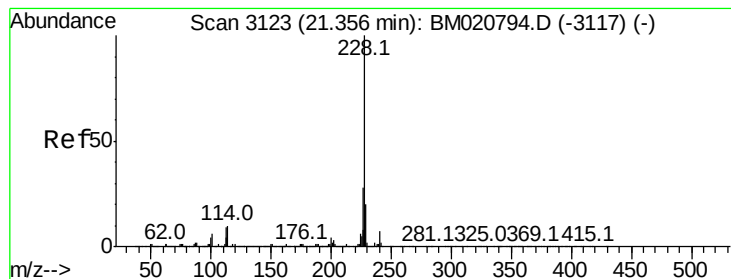
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.9	11.9
100	7.0	6.2	9.4



#79
 Pyrene
 Concen: 3.615 ng/ul
 RT: 19.61 min Scan# 2826
 Delta R.T. -0.01 min
 Lab File: BM020858.D
 Acq: 11 Jun 2019 05:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.7	8.0	12.0





#82

Benzo(a)anthracene

Concen: 1.781 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

Instrument :

BNA_M

ClientSampleId :

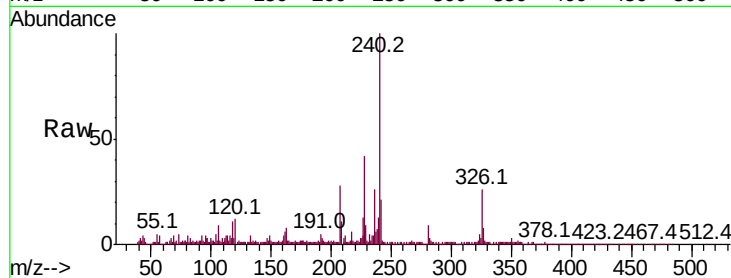
Tot Ion:228 Resp: 164445

Ion Ratio Lower Upper

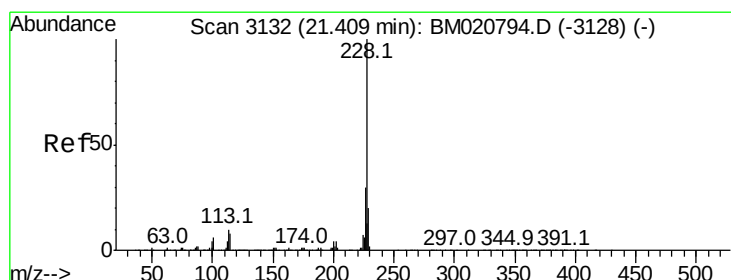
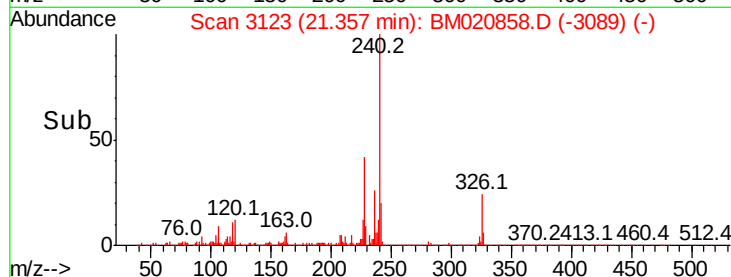
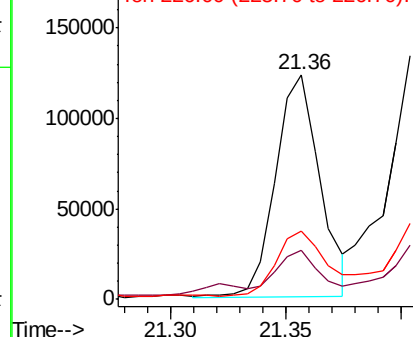
228 100

229 21.9 15.6 23.4

226 30.2 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



#84

Chrysene

Concen: 2.352 ng/ul

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

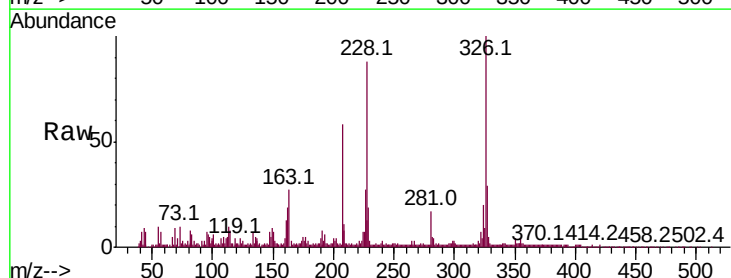
Tgt Ion:228 Resp: 201427

Ion Ratio Lower Upper

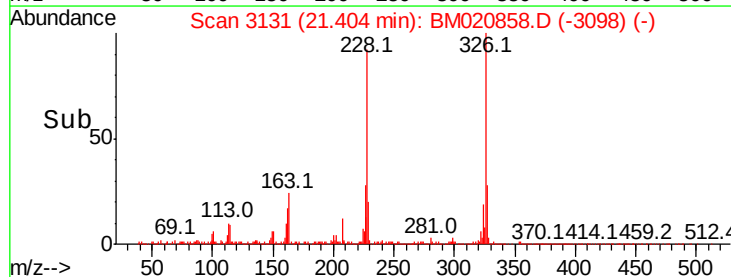
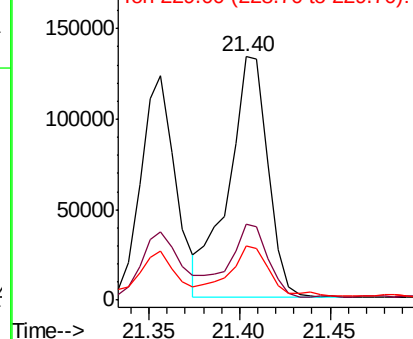
228 100

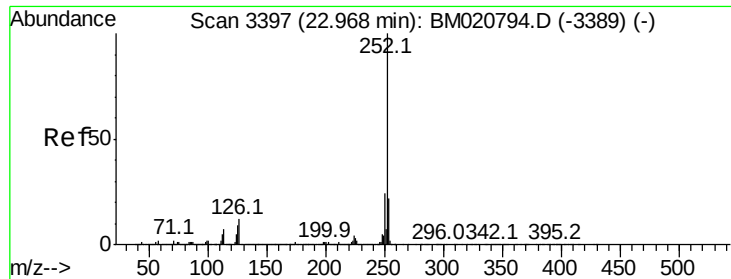
226 31.0 24.4 36.6

229 22.1 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: 3.038 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. 0.00 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

Instrument :

BNA_M

ClientSampleId :

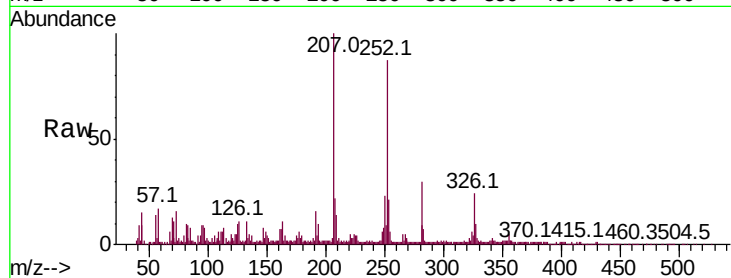
Tot Ion:252 Resp: 311911

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

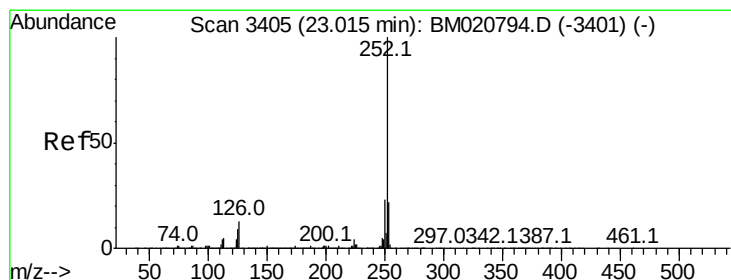
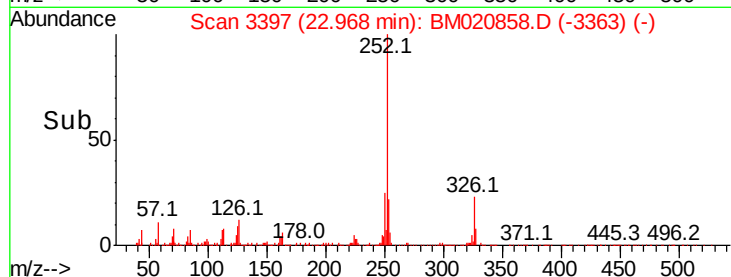
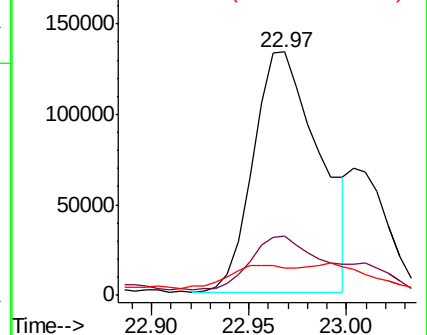
125 11.3 7.3 10.9#



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: 3.178 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. -0.05 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

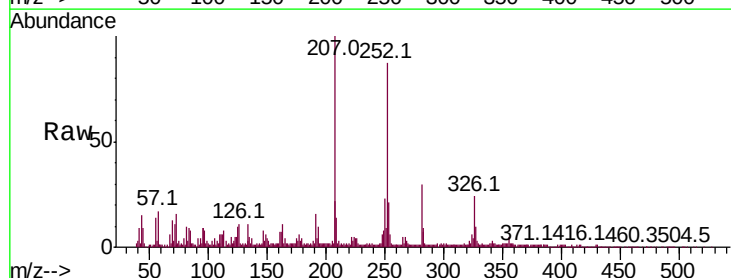
Tgt Ion:252 Resp: 311911

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

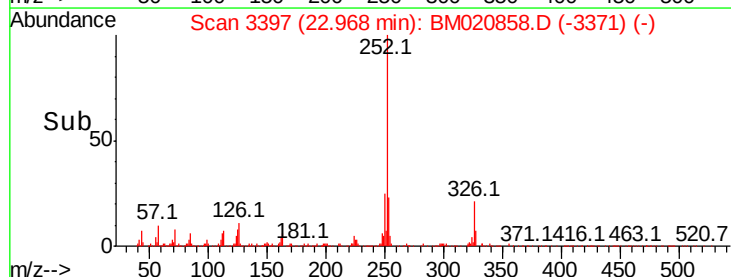
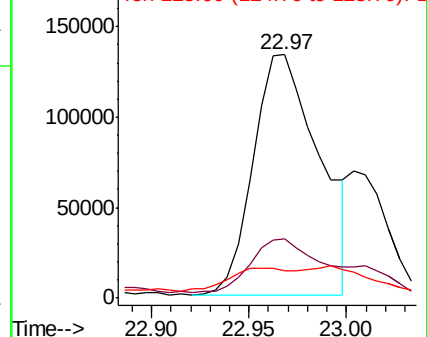
125 11.3 7.3 10.9#

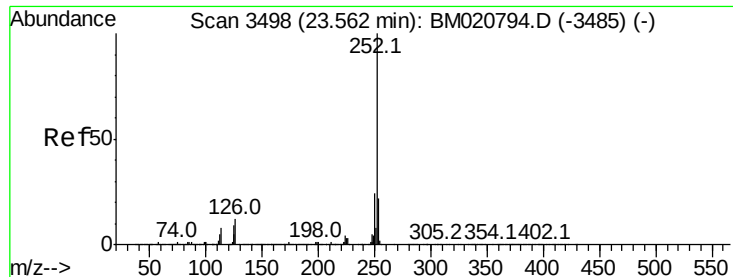


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.815 ng/ul

RT: 23.56 min Scan# 3497

Delta R.T. 0.00 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

Instrument :

BNA_M

ClientSampleId :

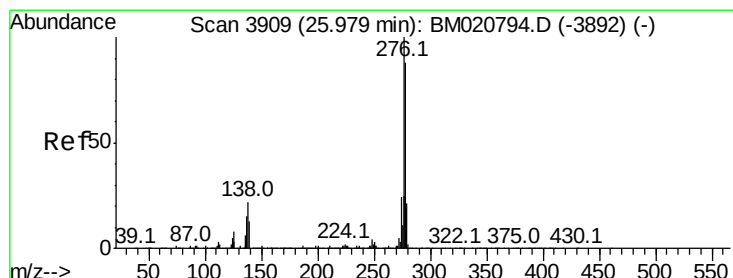
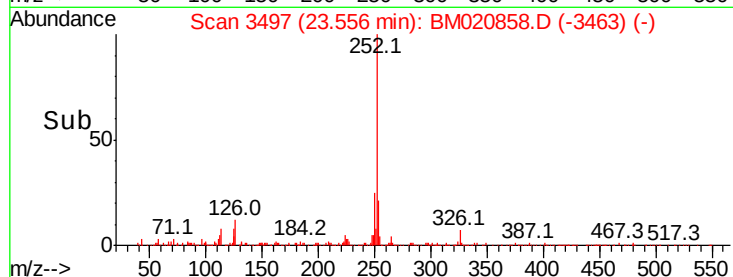
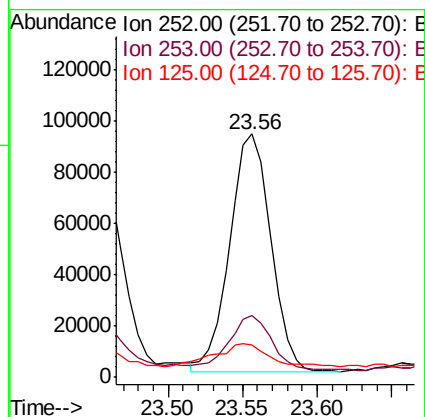
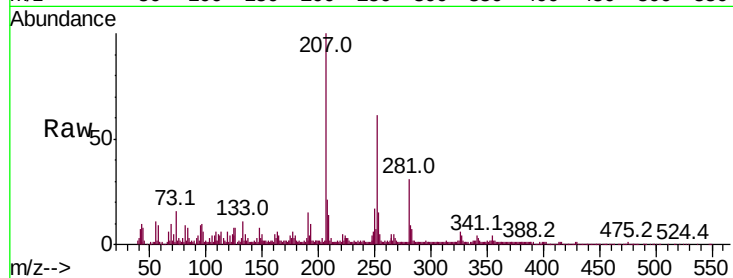
Tot Ion:252 Resp: 177269

Ion Ratio Lower Upper

252 100

253 25.4 17.0 25.6

125 13.3 8.2 12.4#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.282 ng/ul

RT: 25.97 min Scan# 3907

Delta R.T. 0.00 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

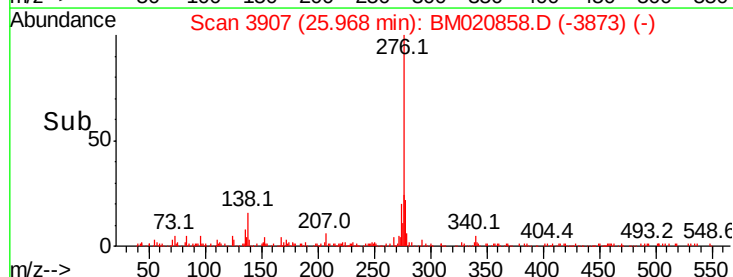
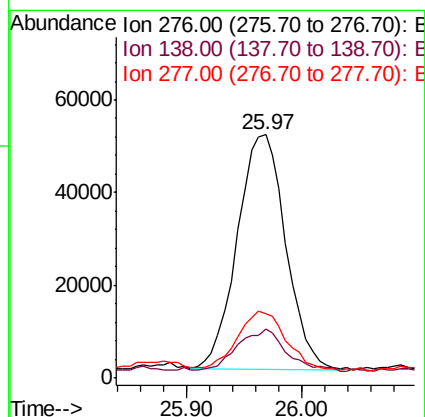
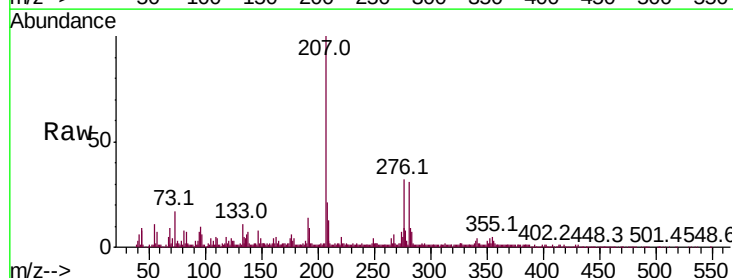
Tgt Ion:276 Resp: 147912

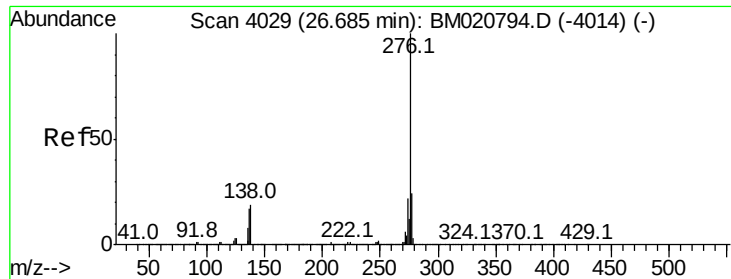
Ion Ratio Lower Upper

276 100

138 20.3 17.8 26.8

277 26.2 20.0 30.0





#93

Benzo(a,h,i)perylene

Concen: 1.351 ng/ul

RT: 26.68 min Scan# 4028

Delta R.T. -0.01 min

Lab File: BM020858.D

Acq: 11 Jun 2019 05:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 126467

Ion Ratio Lower Upper

276 100

138 23.2 16.6 25.0

277 29.7 19.6 29.4

