

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
 Data File : BM020859.D
 Acq On : 11 Jun 2019 05:38
 Operator : HP/JU
 Sample : K3017-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51F2

Quant Time: Jun 11 06:24:25 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	301266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1186731	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	676223	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1509244	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1434472	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1690249	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	24010	3.80	ng/uL	0.00
5) Phenol-d5	6.97	99	426483	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	271538	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	370478	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	344859	18.60	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	181178	22.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	200455	24.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	357192	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	305338	14.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1140339	22.80	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1325828	20.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	138561	16.14	ng/ul	0.00
57) Fluorene-d10	15.44	176	935704	22.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	56913	7.37	ng/ul	0.00
70) Anthracene-d10	17.29	188	1414441	21.46	ng/ul	0.00
78) Pyrene-d10	19.59	212	1493755	21.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1590870	20.71	ng/ul	0.00

Target Compounds

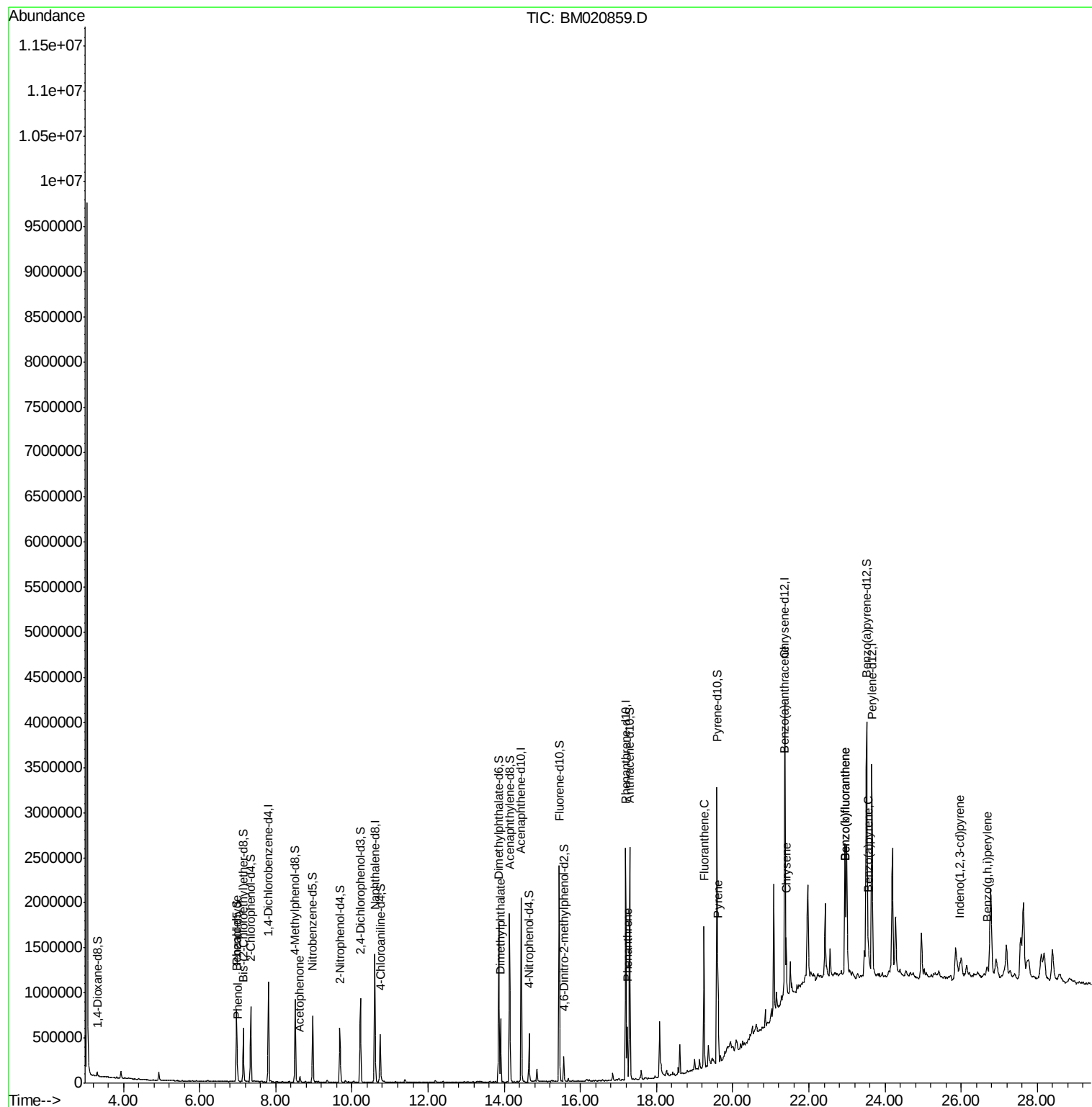
					Ovalue
4) Benzaldehyde	6.96	77	23706	1.365	ng/ul 98
6) Phenol	7.00	94	34880	1.470	ng/ul 97
14) Acetophenone	8.63	105	33034	1.153	ng/ul 96
44) Dimethylphthalate	13.90	163	442923	8.843	ng/ul 98
69) Phenanthrene	17.23	178	361183	4.755	ng/ul 97
76) Fluoranthene	19.25	202	949165	10.904	ng/ul 98
79) Pyrene	19.61	202	652923	7.374	ng/ul 100
82) Benzo(a)anthracene	21.36	228	127944	1.430	ng/ul 95
84) Chrysene	21.40	228	383138	4.614	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	452780	4.605	ng/ul 96
88) Benzo(k)fluoranthene	22.97	252	452780	4.818	ng/ul 96
90) Benzo(a)pyrene	23.56	252	153032	1.636	ng/ul# 90
91) Indeno(1,2,3-cd)pyrene	25.96	276	157190	1.423	ng/ul 96
93) Benzo(g,h,i)perylene	26.67	276	136712	1.525	ng/ul 96

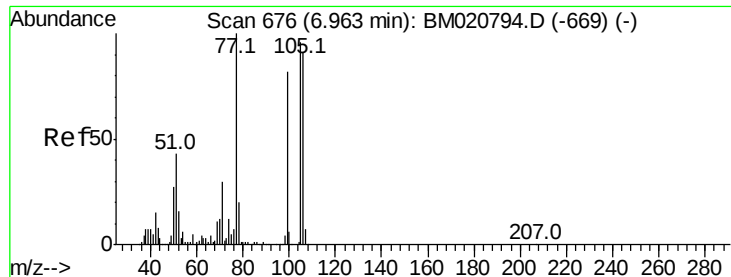
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.365 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

Instrument :

BNA_M

ClientSampleId :

A51F2

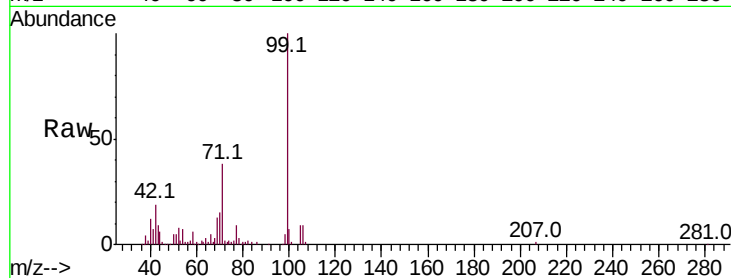
Tot Ion: 77 Resp: 23706

Ion Ratio Lower Upper

77 100

105 95.4 74.7 112.1

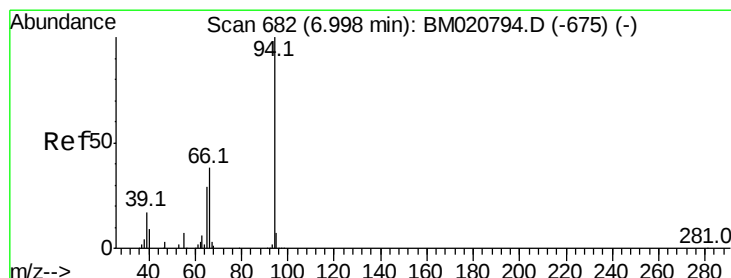
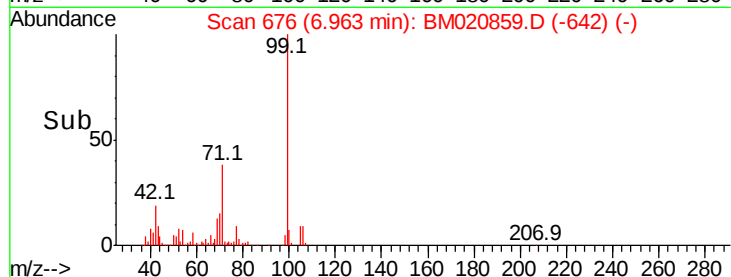
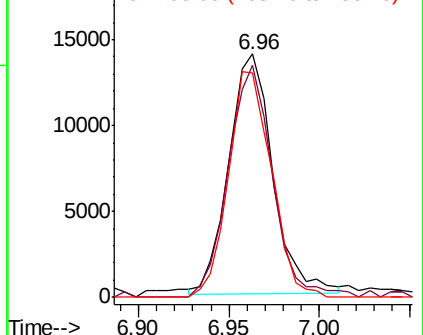
106 92.4 72.3 108.5



Abundance Ion 77.00 (76.70 to 77.70): BM020859.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM020859.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM020859.D (-642) (-)



#6

Phenol

Concen: 1.470 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

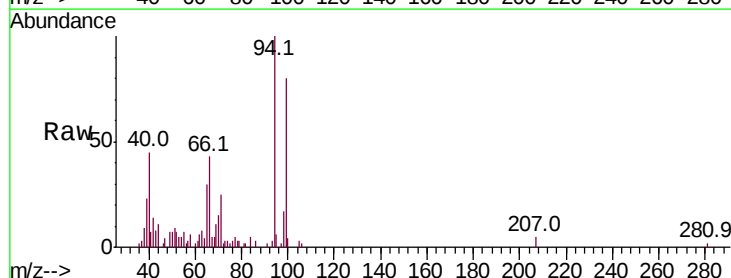
Tgt Ion: 94 Resp: 34880

Ion Ratio Lower Upper

94 100

65 29.6 23.3 34.9

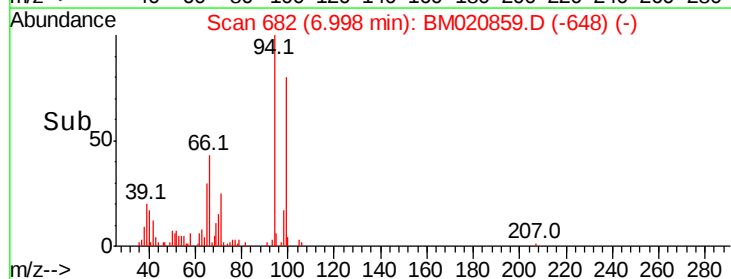
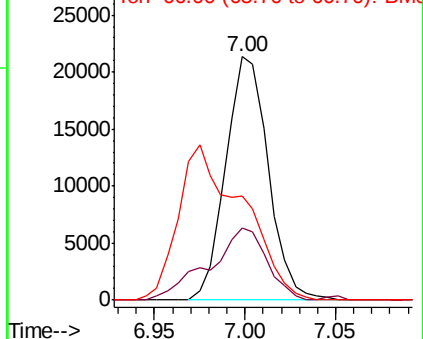
66 42.7 32.1 48.1

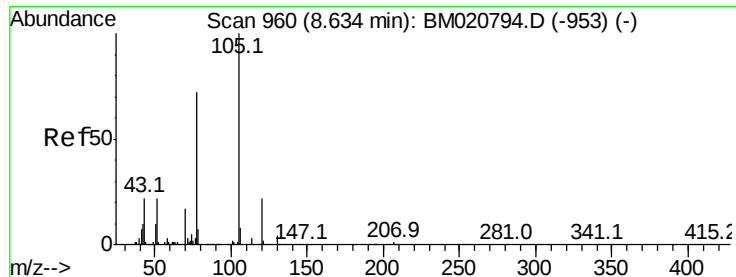


Abundance Ion 94.00 (93.70 to 94.70): BM020859.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM020859.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM020859.D (-648) (-)





#14

Acetophenone

Concen: 1.153 ng/ul

RT: 8.63 min Scan# 960

Delta R.T. 0.00 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

Instrument :

BNA_M

ClientSampleId :

A51F2

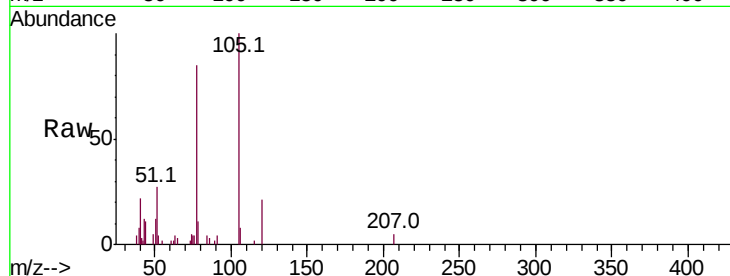
Tot Ion:105 Resp: 33034

Ion Ratio Lower Upper

105 100

77 84.7 64.6 97.0

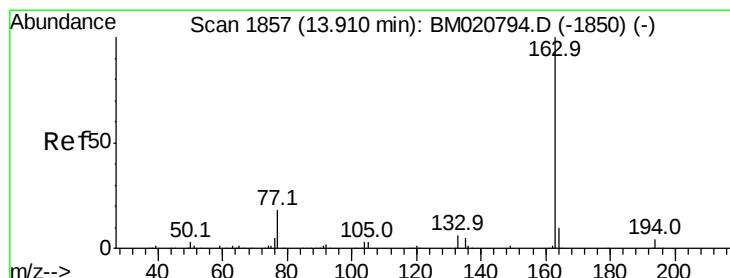
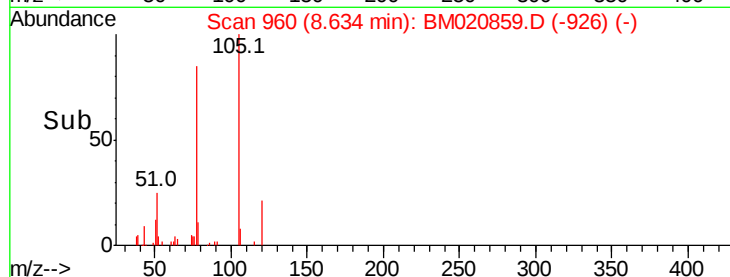
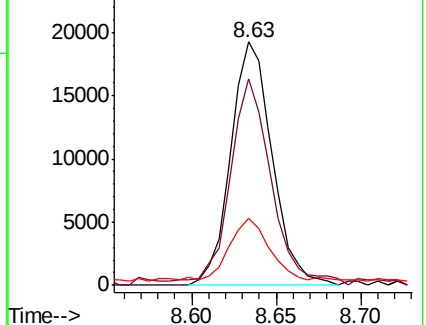
51 27.4 21.4 32.2



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#44

Dimethylphthalate

Concen: 8.843 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

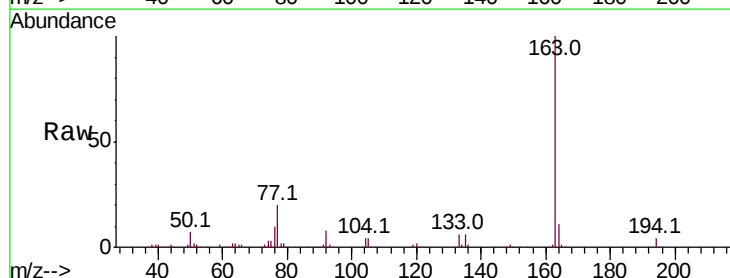
Tgt Ion:163 Resp: 442923

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

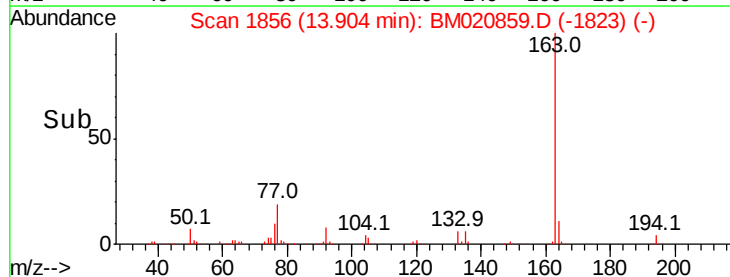
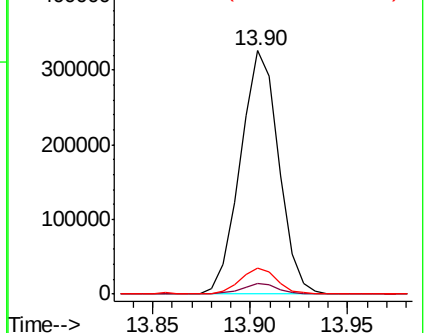
164 10.8 8.0 12.0

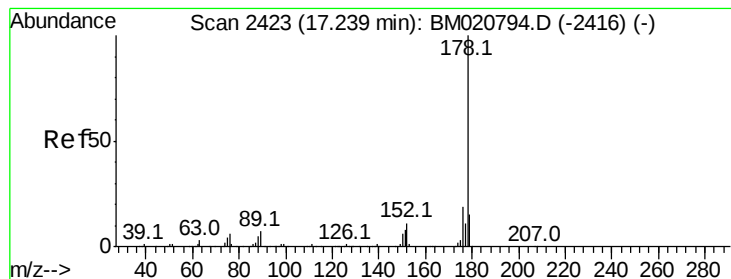


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 4.755 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

Instrument :

BNA_M

ClientSampleId :

A51F2

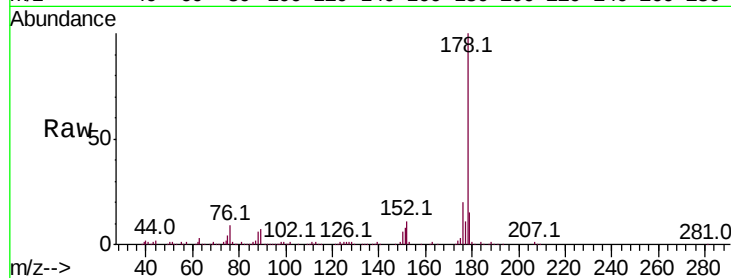
Tot Ion:178 Resp: 361183

Ion Ratio Lower Upper

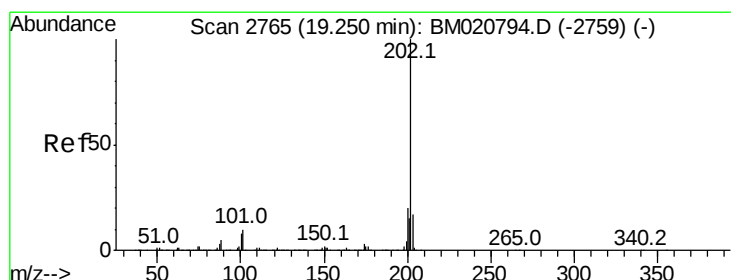
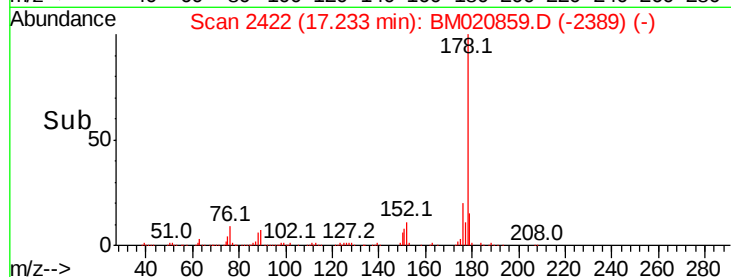
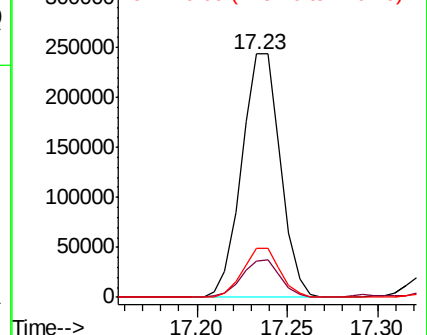
178 100

179 14.9 12.3 18.5

176 20.2 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



#76

Fluoranthene

Concen: 10.904 ng/ul

RT: 19.25 min Scan# 2765

Delta R.T. 0.00 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

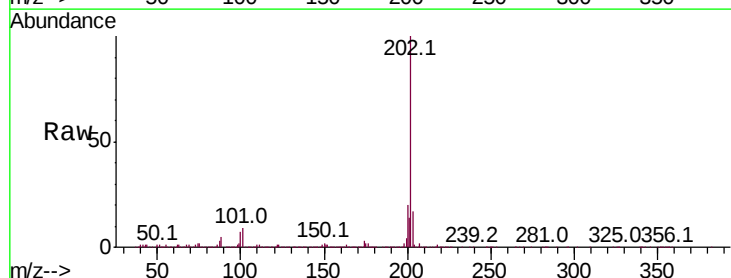
Tgt Ion:202 Resp: 949165

Ion Ratio Lower Upper

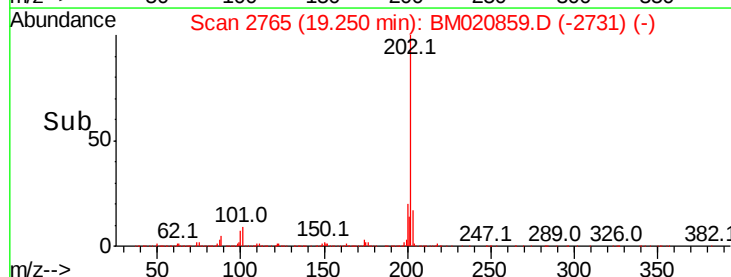
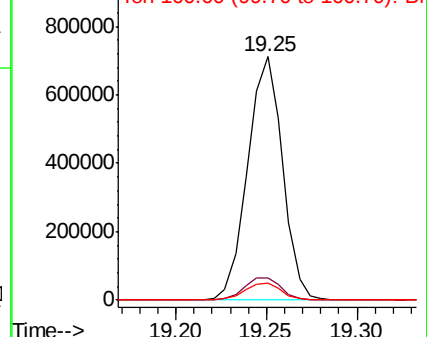
202 100

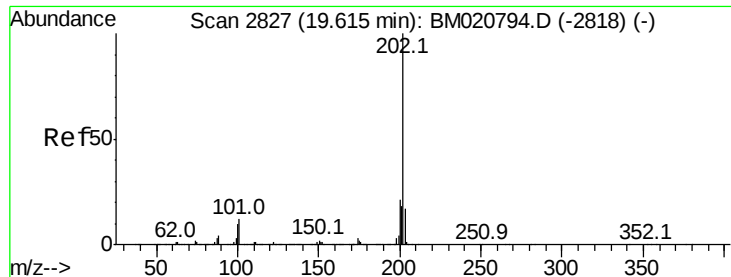
101 9.1 7.9 11.9

100 7.2 6.2 9.4



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): E





#79

Pvrene

Concen: 7.374 ng/ul

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

Instrument :

BNA_M

ClientSampleId :

A51F2

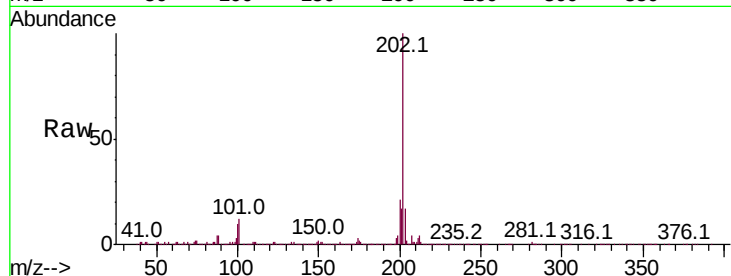
Tot Ion:202 Resp: 652923

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.6

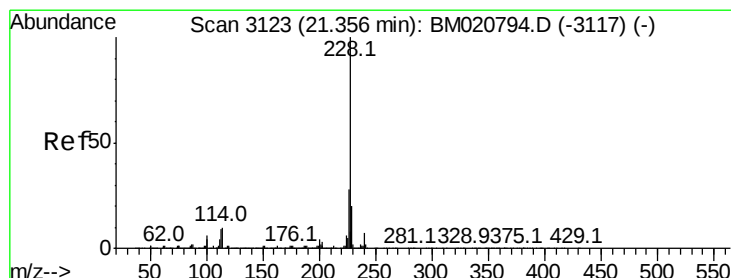
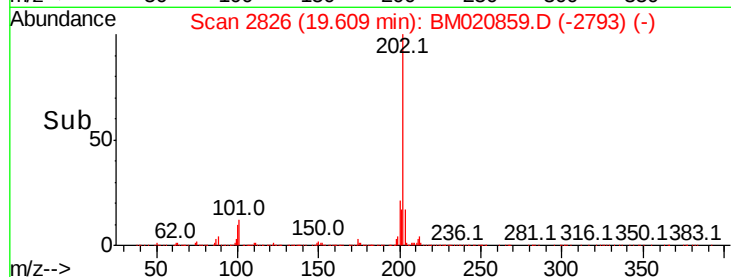
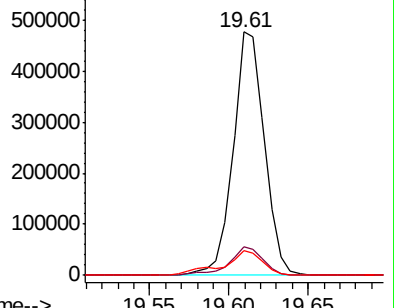
100 10.0 8.0 12.0



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: 1.430 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

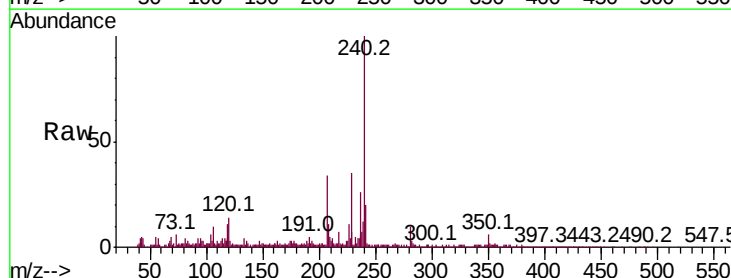
Tgt Ion:228 Resp: 127944

Ion Ratio Lower Upper

228 100

229 20.7 15.6 23.4

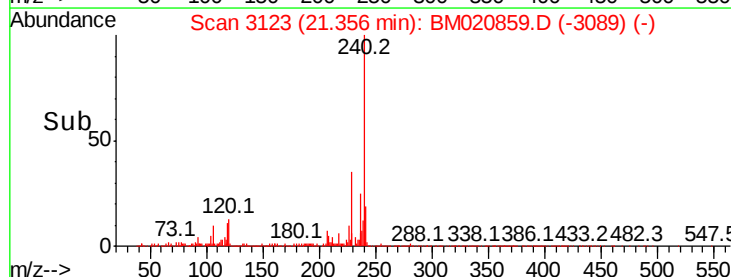
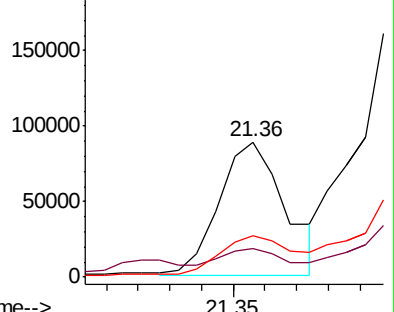
226 30.6 21.4 32.2

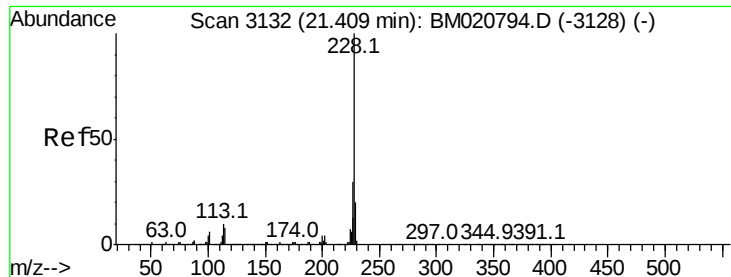


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 4.614 ng/ul

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

Instrument :

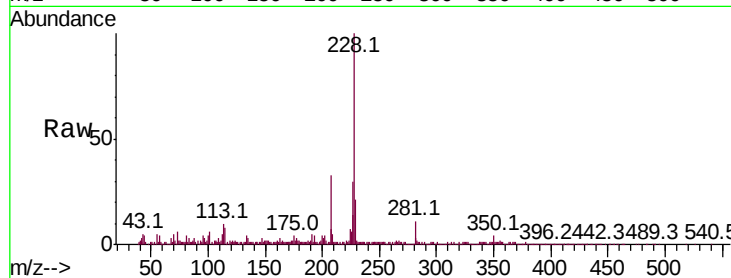
BNA_M

ClientSampleId :

A51F2

Tot Ion:228 Resp: 383138

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	21.4	16.2	24.2

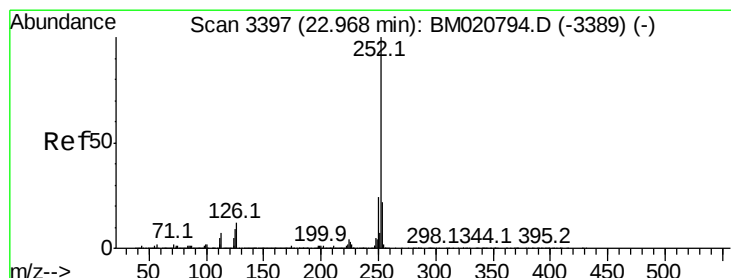
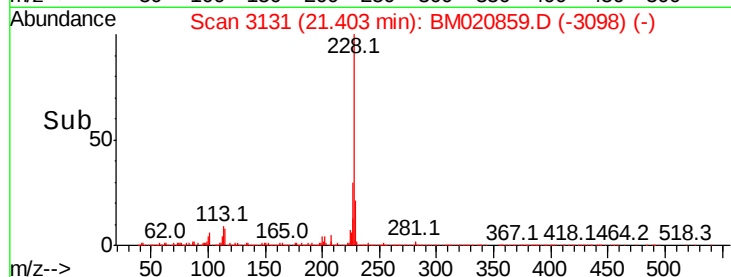
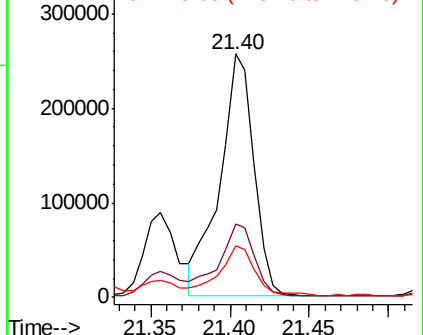


Abundance

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: 4.605 ng/ul

RT: 22.97 min Scan# 3397

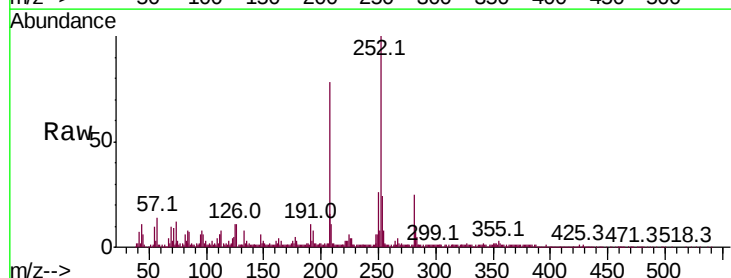
Delta R.T. 0.00 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

Tgt Ion:252 Resp: 452780

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	10.5	7.3	10.9

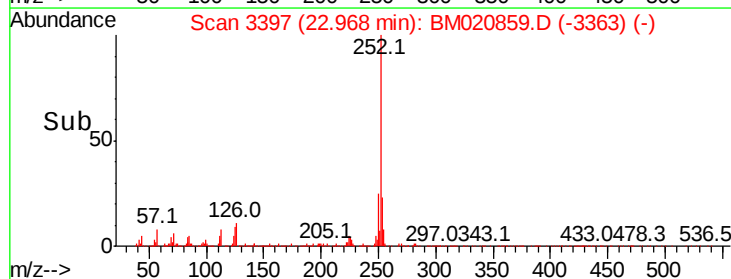
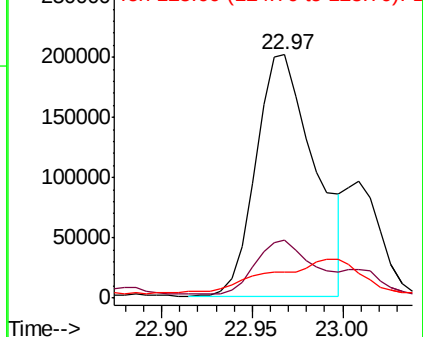


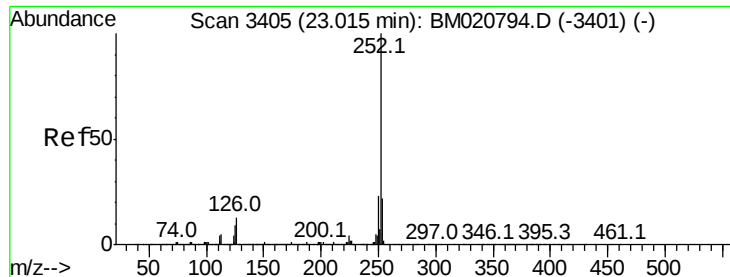
Abundance

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: 4.818 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. -0.05 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

Instrument :

BNA_M

ClientSampled :

A51F2

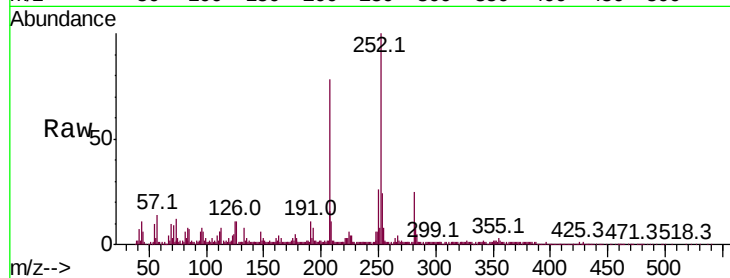
Tot Ion:252 Resp: 452780

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

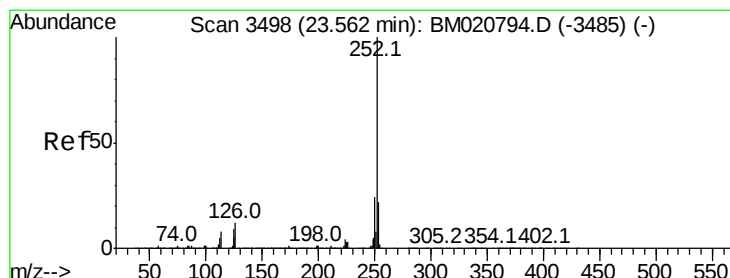
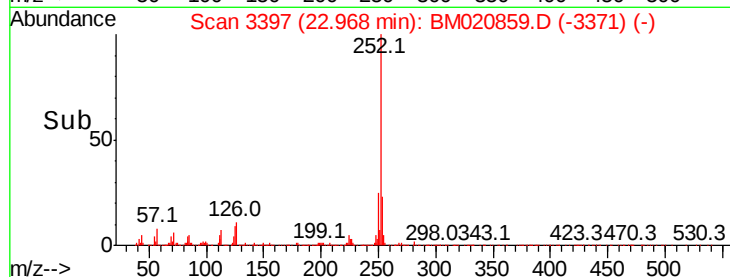
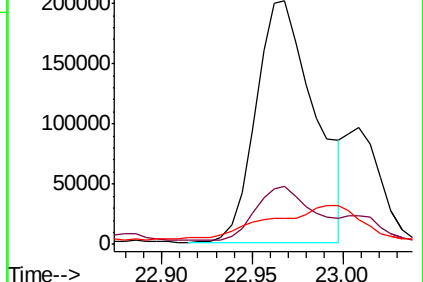
125 10.5 7.3 10.9



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: 1.636 ng/ul

RT: 23.56 min Scan# 3497

Delta R.T. 0.00 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

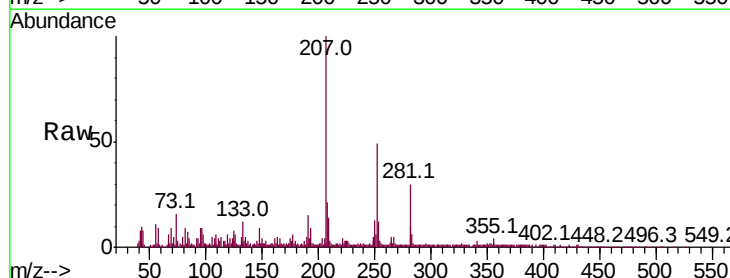
Tgt Ion:252 Resp: 153032

Ion Ratio Lower Upper

252 100

253 25.0 17.0 25.6

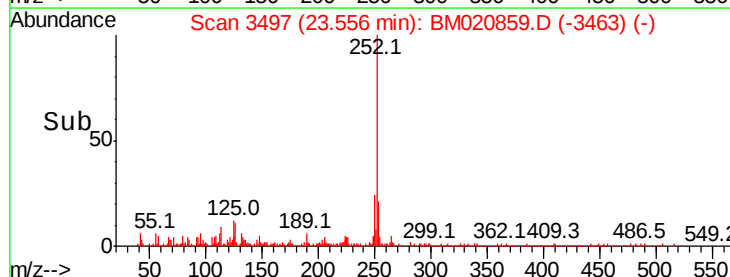
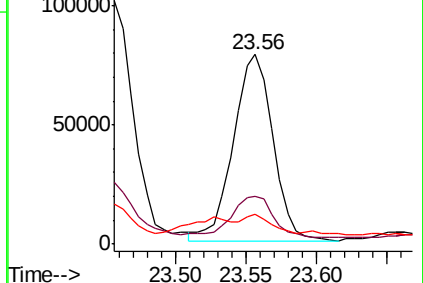
125 15.7 8.2 12.4#

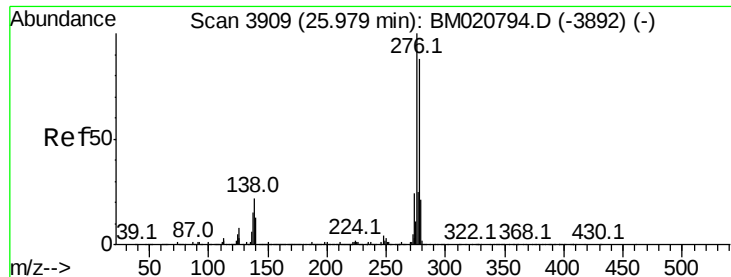


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



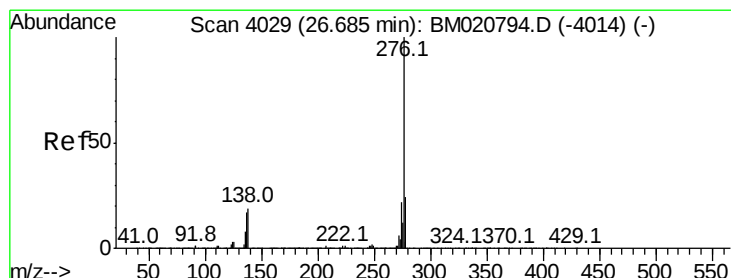
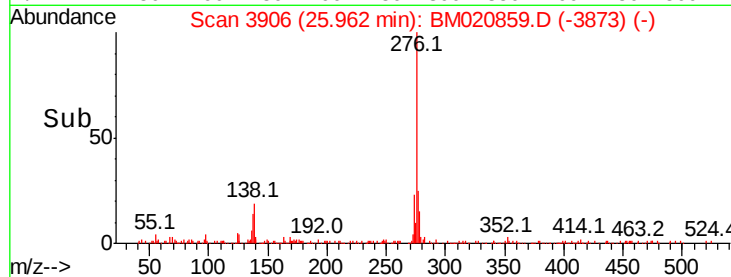
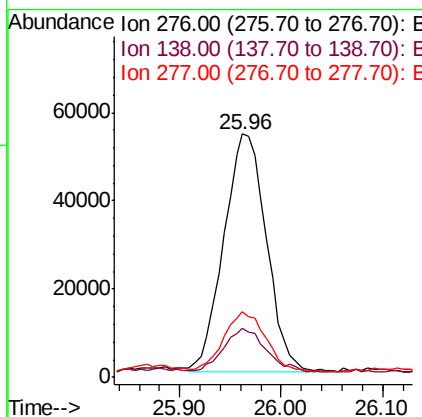
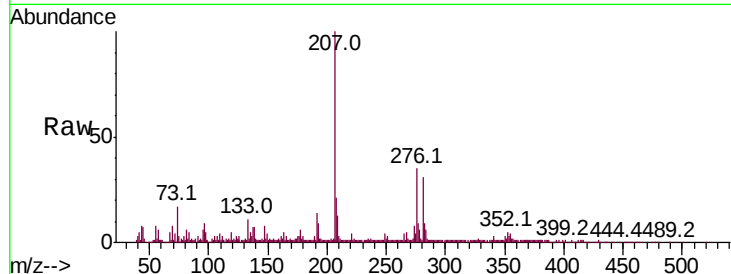


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.423 ng/ul
RT: 25.96 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Instrument :
BNA_M
ClientSampleId :
A51F2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.8	26.8
277	27.0	20.0	30.0



#93

Benzo(g,h,i)perylene
Concen: 1.525 ng/ul
RT: 26.67 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.6	25.0
277	26.4	19.6	29.4

