

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021198.D
 Acq On : 26 Jun 2019 18:53
 Operator : HP/JU
 Sample : K3501-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AC4

Quant Time: Jun 27 04:23:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 00:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	257208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1131752	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	727622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1534423	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1067859	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	1219850	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	21992	4.06	ng/uL	0.00
5) Phenol-d5	6.93	99	504096	22.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	302726	22.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	422443	23.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	412430	22.07	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	228329	24.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	269471	26.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	524868	25.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	540873	25.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1715196	26.09	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2038488	25.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	154461	14.44	ng/ul	0.00
57) Fluorene-d10	15.40	176	1476363	25.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	176504	18.71	ng/ul	0.00
70) Anthracene-d10	17.25	188	2029162	25.45	ng/ul	0.00
78) Pyrene-d10	19.55	212	1874256	29.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1809587	25.14	ng/ul	0.00

Target Compounds

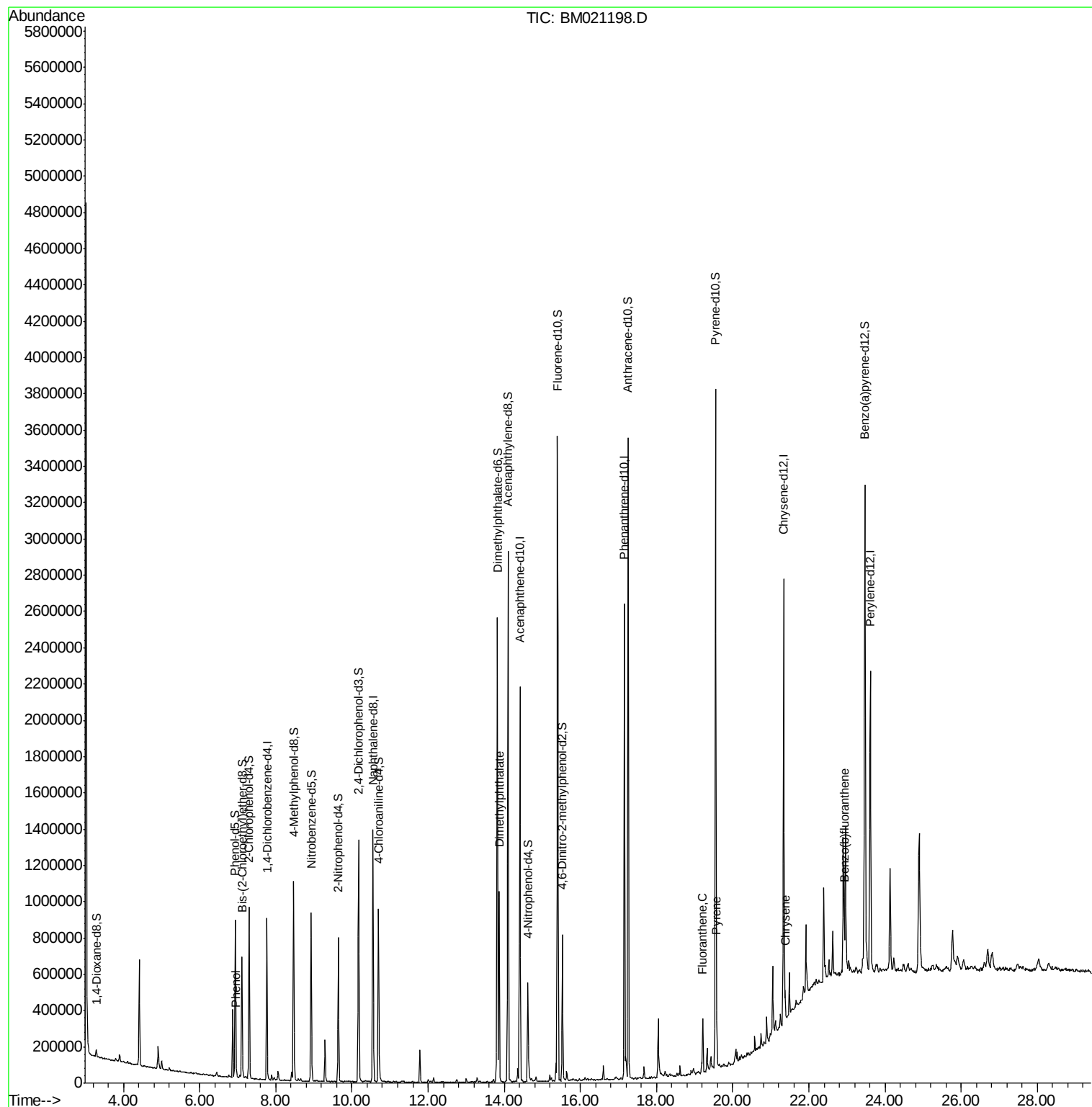
					Qvalue
6) Phenol	6.96	94	23383	1.104 ng/ul	95
44) Dimethylphthalate	13.87	163	705250	11.784 ng/ul	99
76) Fluoranthene	19.22	202	178279	1.944 ng/ul	98
79) Pyrene	19.57	202	152328	2.018 ng/ul	98
84) Chrysene	21.37	228	78894	1.157 ng/ul	95
87) Benzo(b)fluoranthene	22.93	252	120876	1.564 ng/ul#	96

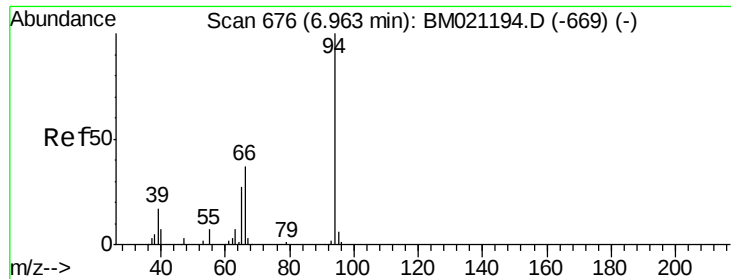
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.104 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM021198.D

Acq: 26 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

C5AC4

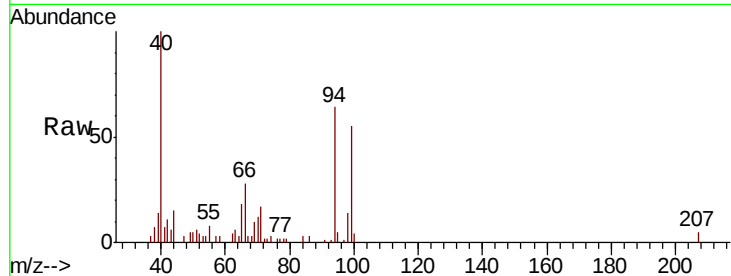
Tgt Ion: 94 Resp: 23383

Ion Ratio Lower Upper

94 100

65 28.9 22.6 34.0

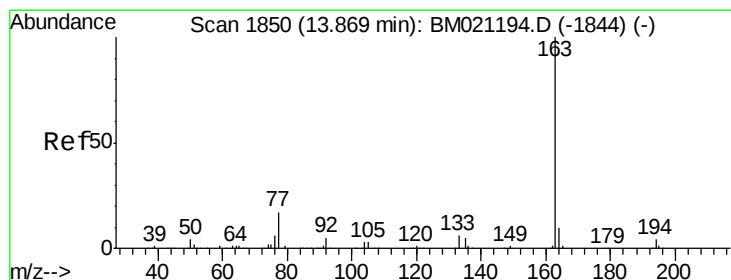
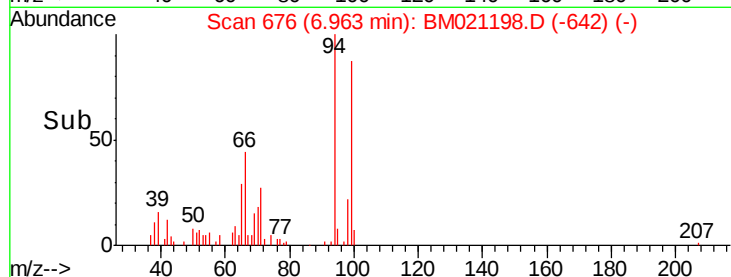
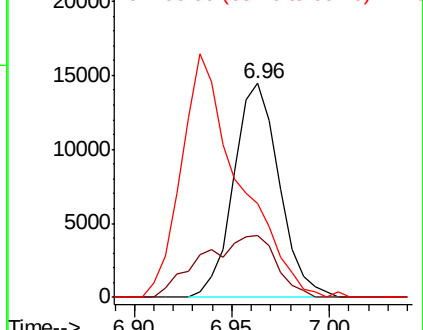
66 44.1 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021198.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM021198.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM021198.D (-669) (-)



#44

Dimethylphthalate

Concen: 11.784 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM021198.D

Acq: 26 Jun 2019 18:53

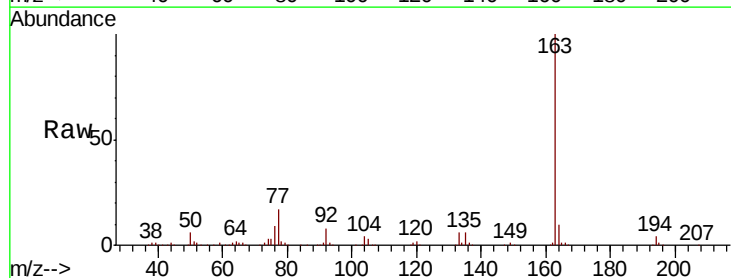
Tgt Ion: 163 Resp: 705250

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

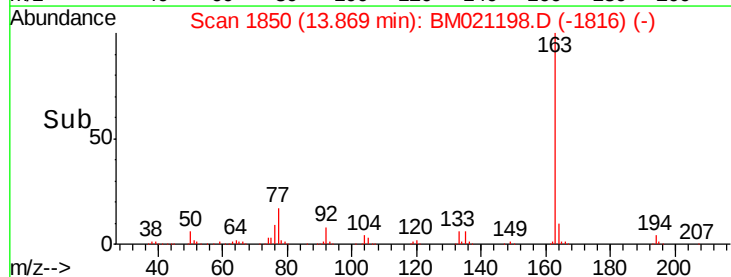
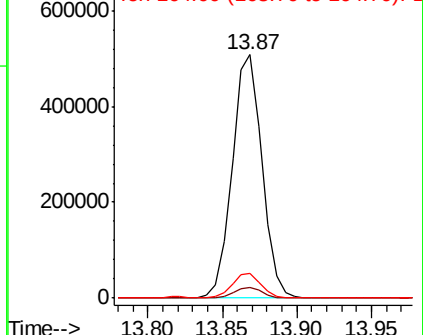
164 10.1 7.7 11.5

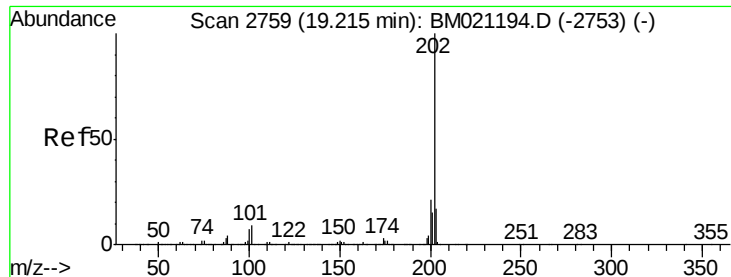


Abundance Ion 163.00 (162.70 to 163.70): BM021198.D (-1844) (-)

Ion 194.00 (193.70 to 194.70): BM021198.D (-1844) (-)

Ion 164.00 (163.70 to 164.70): BM021198.D (-1844) (-)

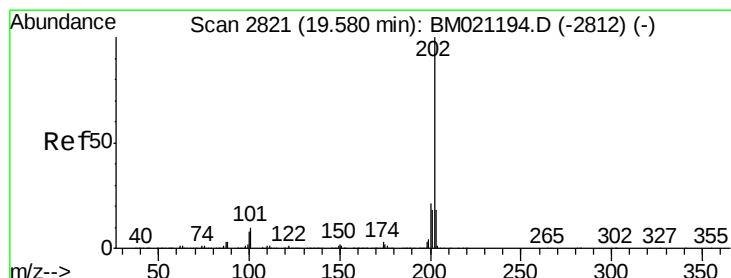
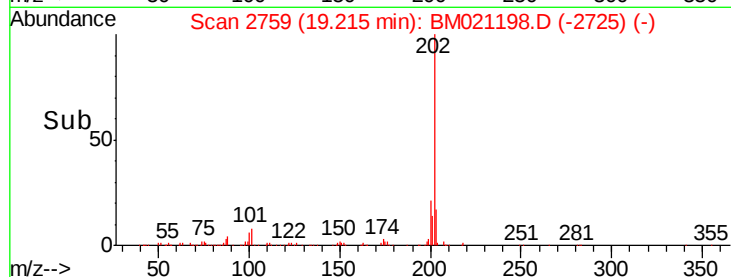
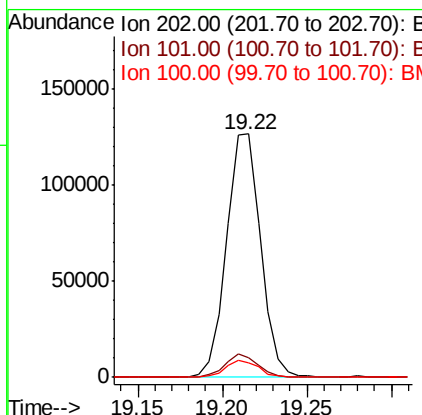
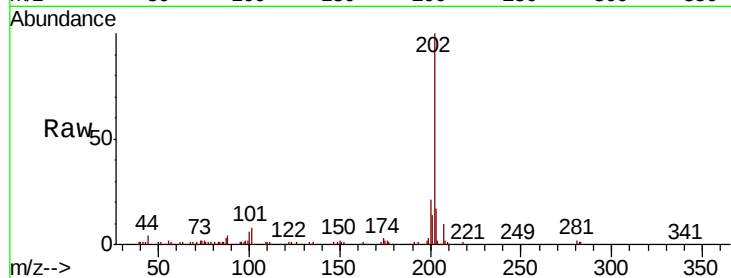




#76
 Fluoranthene
 Concen: 1.944 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. 0.00 min
 Lab File: BM021198.D
 Acq: 26 Jun 2019 18:53

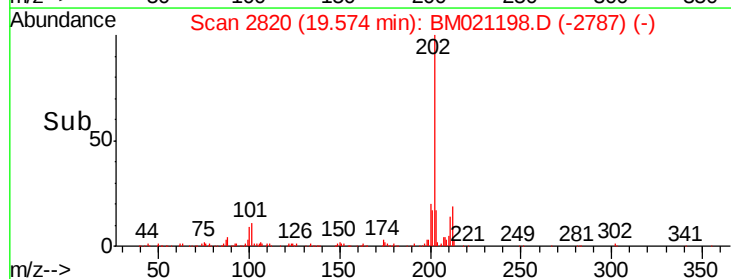
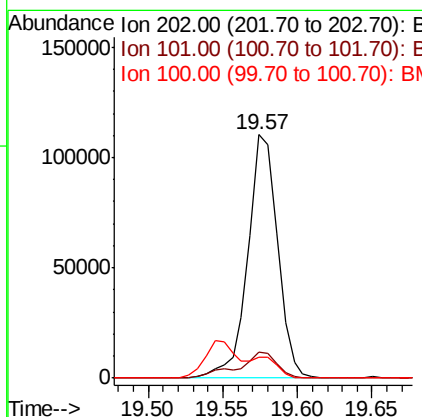
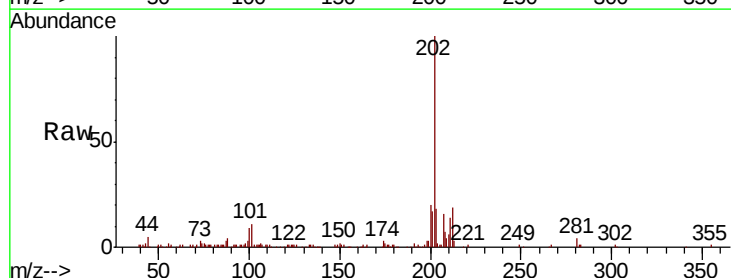
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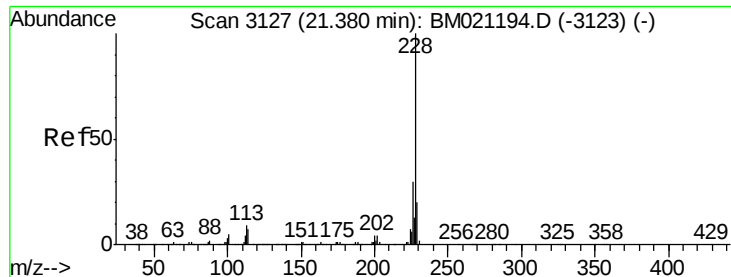
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	178279		
101	7.9		6.7	10.1
100	6.1		5.5	8.3



#79
 Pyrene
 Concen: 2.018 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM021198.D
 Acq: 26 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	152328		
101	10.9		8.1	12.1
100	8.7		6.6	10.0





#84

Chrysene

Concen: 1.157 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021198.D

Acq: 26 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

C5AC4

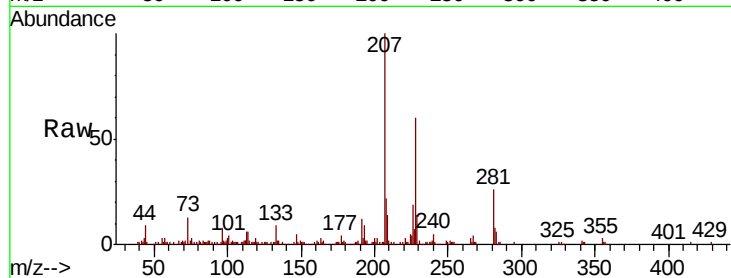
Tgt Ion:228 Resp: 78894

Ion Ratio Lower Upper

228 100

226 31.6 23.9 35.9

229 23.2 15.4 23.2

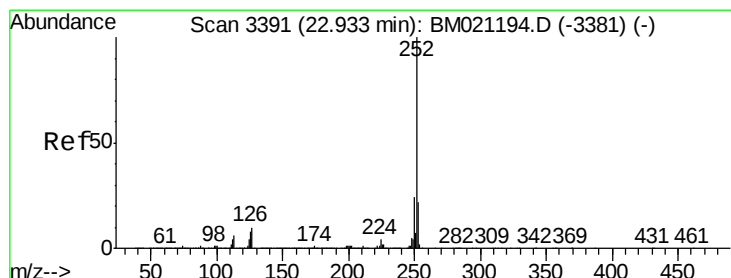
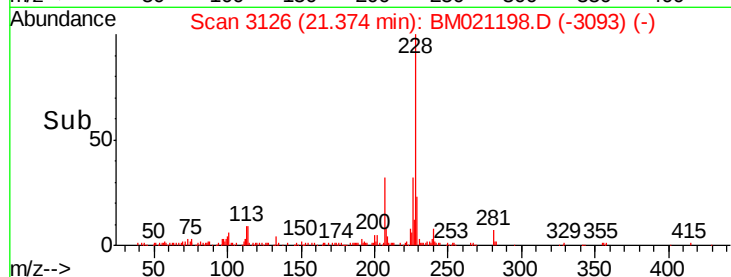
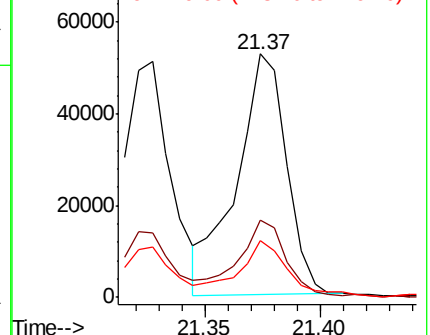


Abundance

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: 1.564 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. 0.00 min

Lab File: BM021198.D

Acq: 26 Jun 2019 18:53

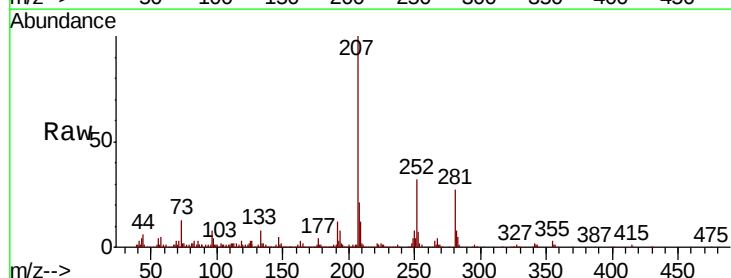
Tgt Ion:252 Resp: 120876

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 10.3 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

