

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029492.D
 Acq On : 15 Apr 2021 08:16
 Operator : CG/JU
 Sample : M1957-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B14

Quant Time: Apr 15 08:57:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 15 03:22:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	126716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	521204	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	321909	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	605102	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	401537	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	361620	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

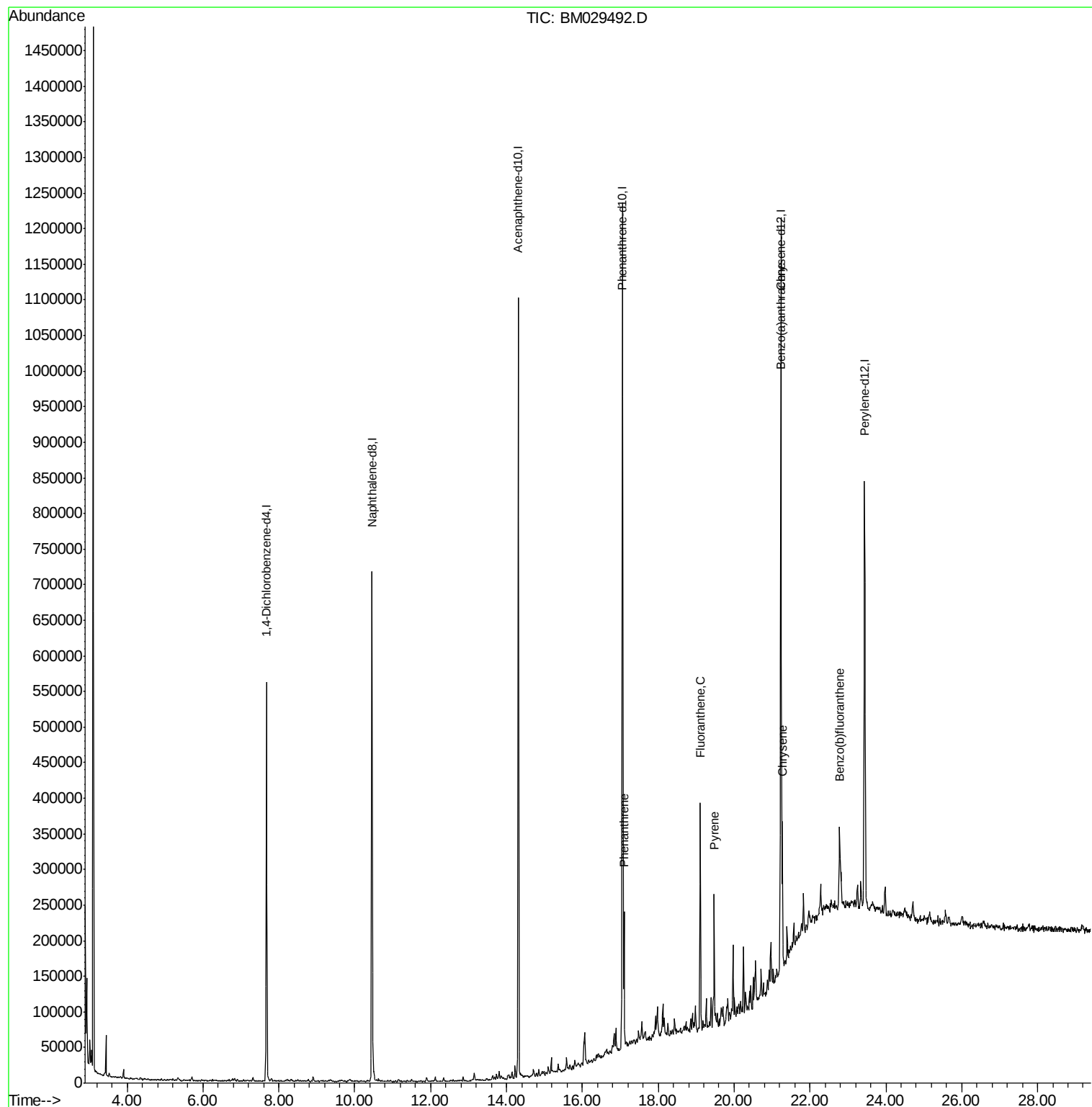
					Ovalue	
70) Phenanthrene	17.10	178	97691	2.804	ng/ul	98
77) Fluoranthene	19.11	202	163048	4.135	ng/ul#	94
80) Pyrene	19.47	202	90192	3.392	ng/ul	97
83) Benzo(a)anthracene	21.22	228	54457	2.151	ng/ul	97
85) Chrysene	21.27	228	62912	2.541	ng/ul	96
88) Benzo(b)fluoranthene	22.78	252	64097	2.753	ng/ul#	94

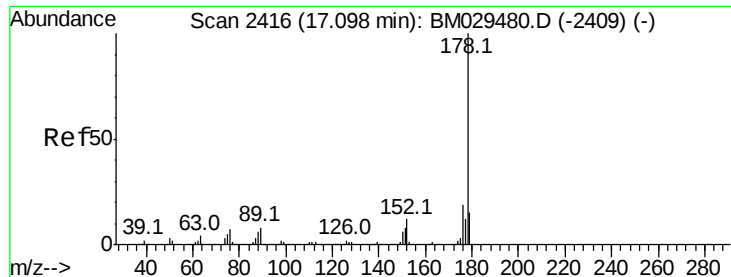
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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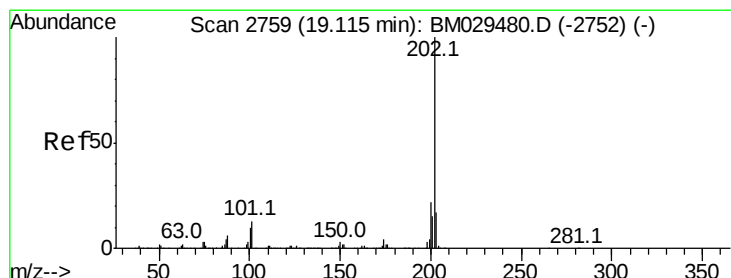
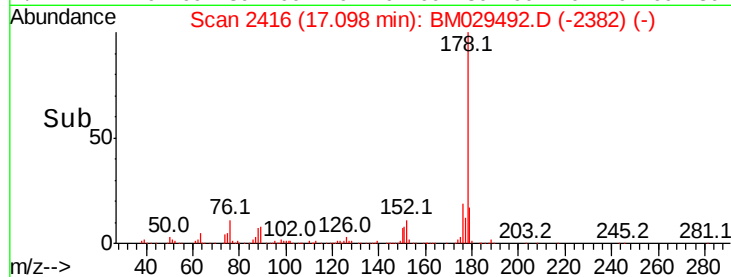
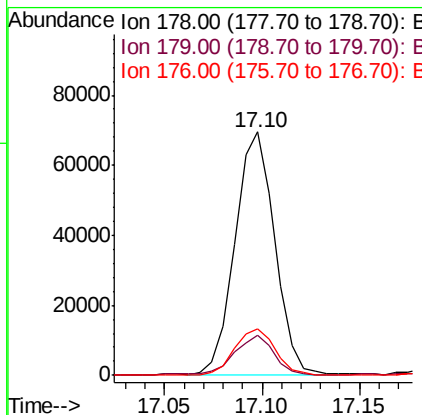
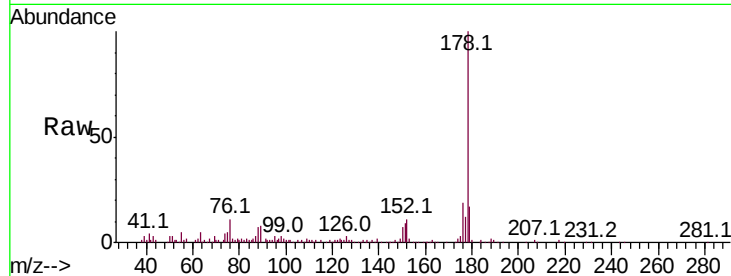




#70
Phenanthrene
Concen: 2.804 ng/ul
RT: 17.10 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BM029492.D
Acq: 15 Apr 2021 08:16

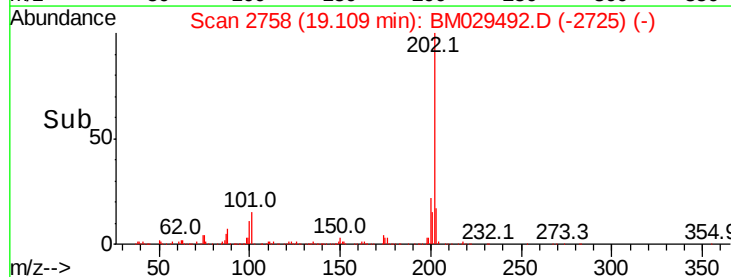
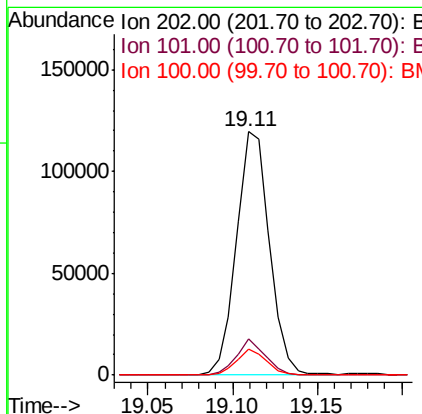
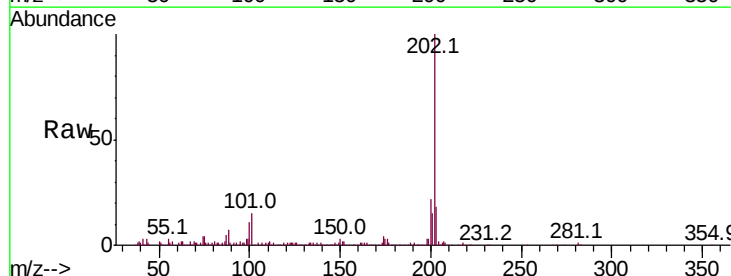
Instrument :
BNA_M
ClientSampleId :
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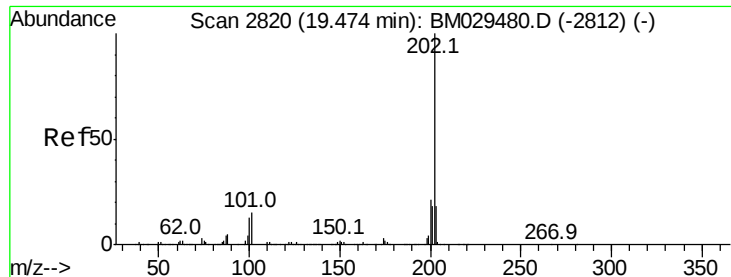
Tot Ion:178 Resp: 97691
Ion Ratio Lower Upper
178 100
179 16.7 12.2 18.2
176 19.2 15.4 23.2



#77
Fluoranthene
Concen: 4.135 ng/ul
RT: 19.11 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM029492.D
Acq: 15 Apr 2021 08:16

Tgt Ion:202 Resp: 163048
Ion Ratio Lower Upper
202 100
101 14.9 9.8 14.6#
100 10.9 7.4 11.0





#80

Pvrene

Concen: 3.392 ng/ul

RT: 19.47 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM029492.D

Acq: 15 Apr 2021 08:16

Instrument :

BNA_M

ClientSampleId :

C0B14

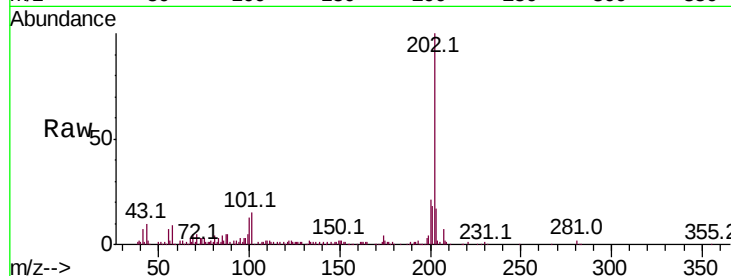
Tot Ion:202 Resp: 90192

Ion Ratio Lower Upper

202 100

101 15.1 11.0 16.6

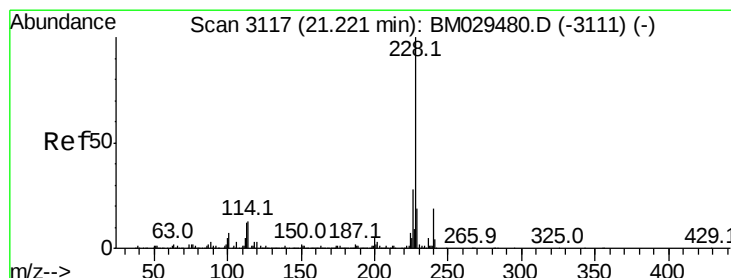
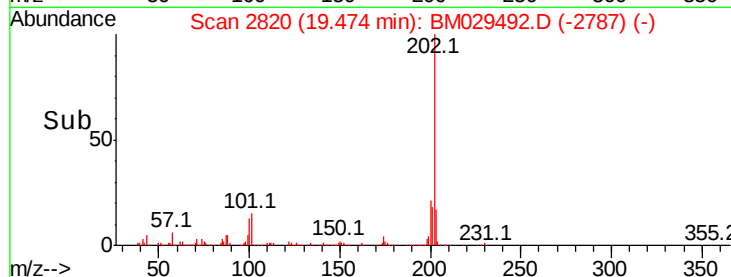
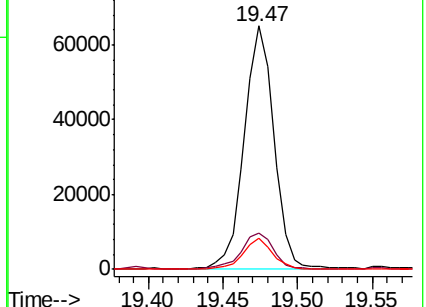
100 13.0 9.5 14.3



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): E



#83

Benzo(a)anthracene

Concen: 2.151 ng/ul

RT: 21.22 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM029492.D

Acq: 15 Apr 2021 08:16

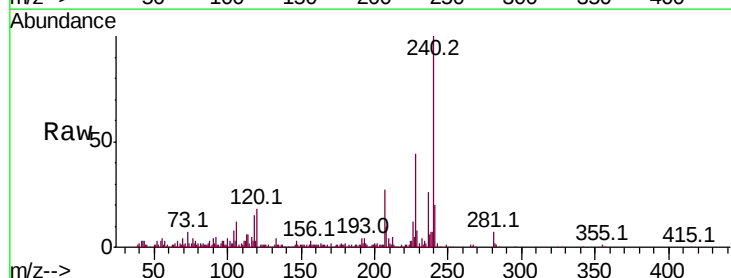
Tgt Ion:228 Resp: 54457

Ion Ratio Lower Upper

228 100

229 17.7 15.7 23.5

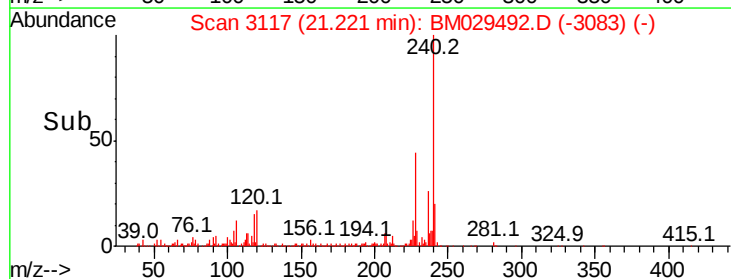
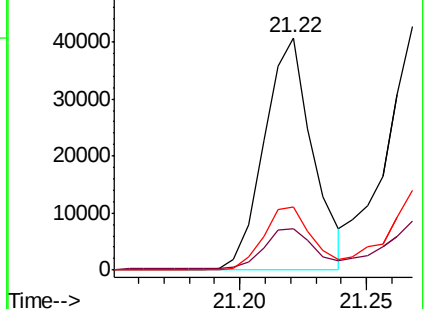
226 26.9 22.3 33.5

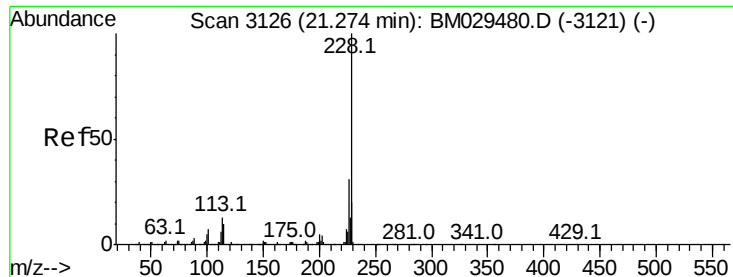


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.541 ng/ul

RT: 21.27 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM029492.D

Acq: 15 Apr 2021 08:16

Instrument :

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ClientSampleId :

C0B14

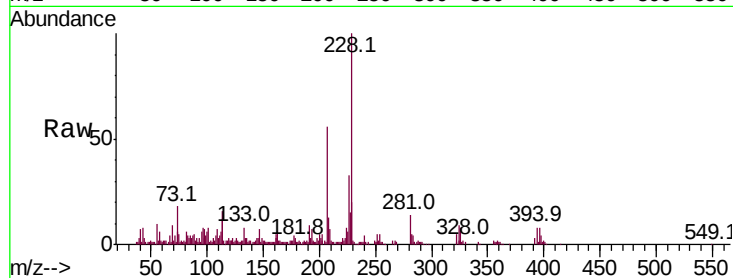
Tot Ion:228 Resp: 62912

Ion Ratio Lower Upper

228 100

226 32.8 24.0 36.0

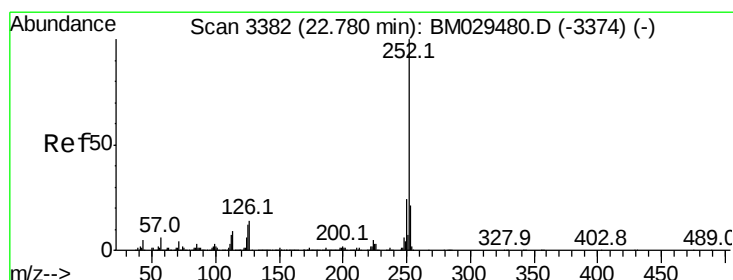
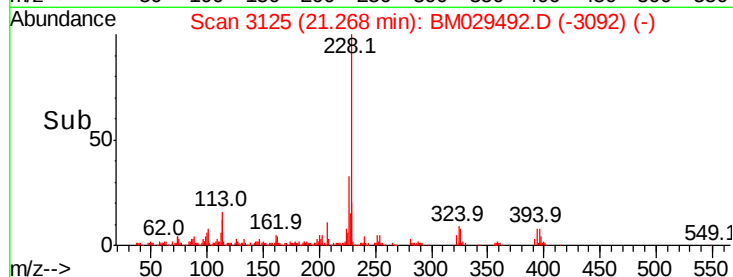
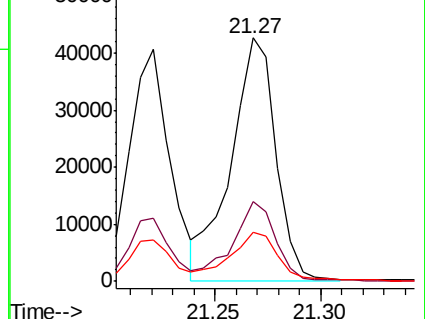
229 20.1 15.4 23.0



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



#88

Benzo(b)fluoranthene

Concen: 2.753 ng/ul

RT: 22.78 min Scan# 3382

Delta R.T. -0.00 min

Lab File: BM029492.D

Acq: 15 Apr 2021 08:16

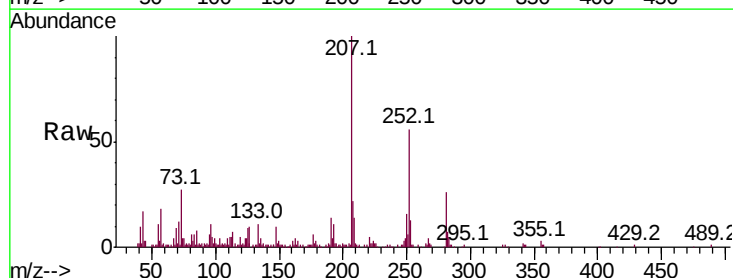
Tgt Ion:252 Resp: 64097

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 16.0 8.8 13.2#



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

