

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029393.D
 Acq On : 08 Apr 2021 04:43
 Operator : CG/JU
 Sample : M1957-05
 Misc : GCMS CONFIRMATION
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B14

Quant Time: Apr 08 06:18:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 08 03:12:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	128987	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	500520	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	298689	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	562826	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	418662	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	382035	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	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	0d	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	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

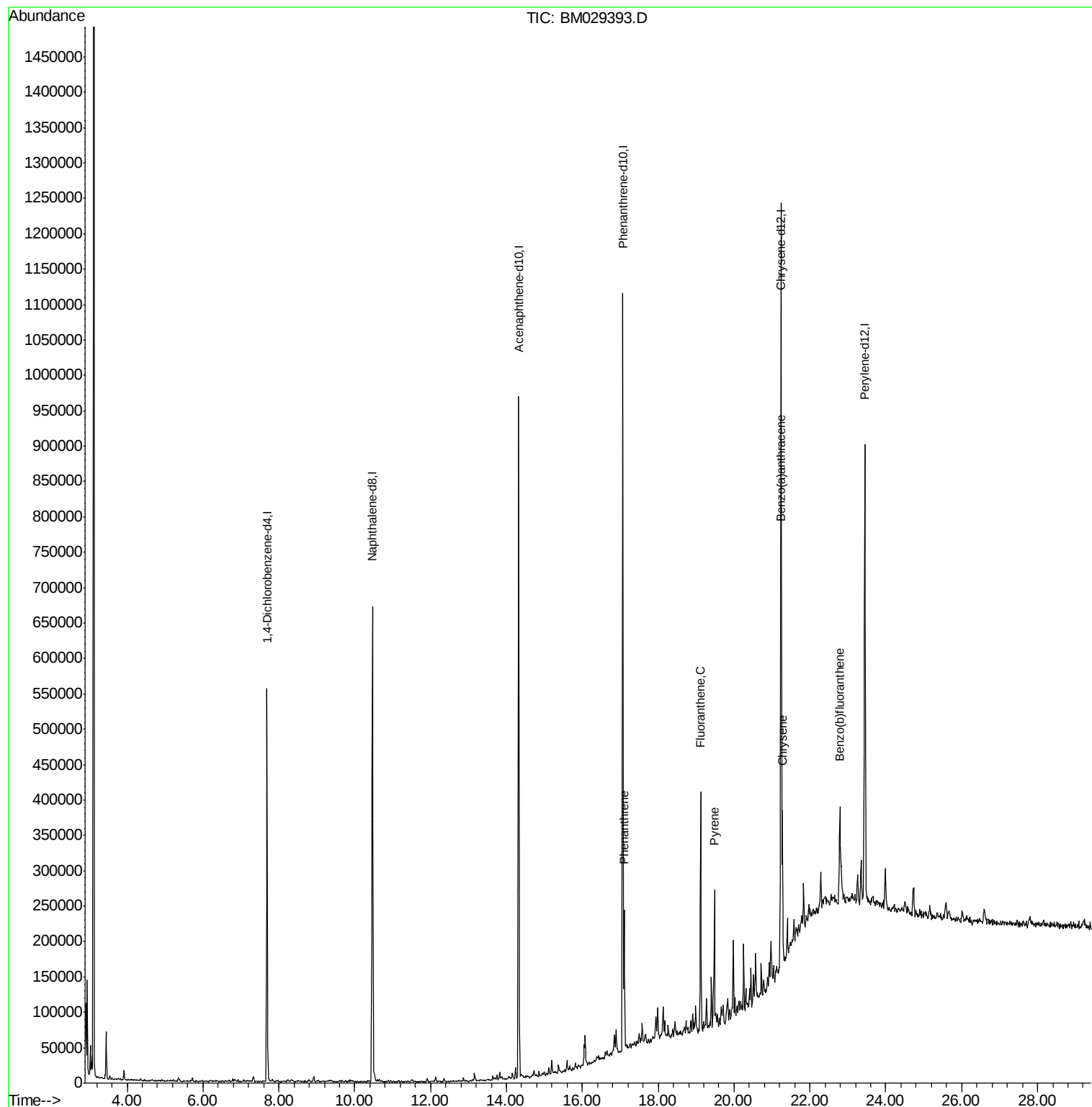
					Ovalue	
70) Phenanthrene	17.10	178	103135	3.183	ng/ul	98
77) Fluoranthene	19.12	202	176094	4.801	ng/ul	99
80) Pyrene	19.48	202	96094	3.466	ng/ul	97
83) Benzo(a)anthracene	21.22	228	63339	2.399	ng/ul	98
85) Chrysene	21.27	228	72668	2.815	ng/ul	96
88) Benzo(b)fluoranthene	22.78	252	73348	2.982	ng/ul#	95

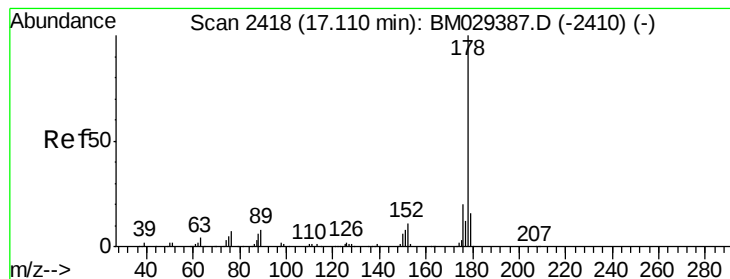
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 3.183 ng/ul

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

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BNA_M

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C0B14

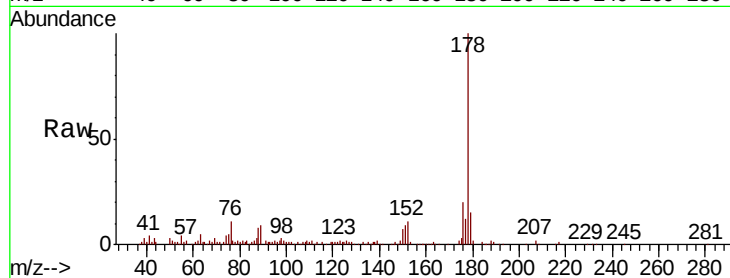
Tot Ion:178 Resp: 103135

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

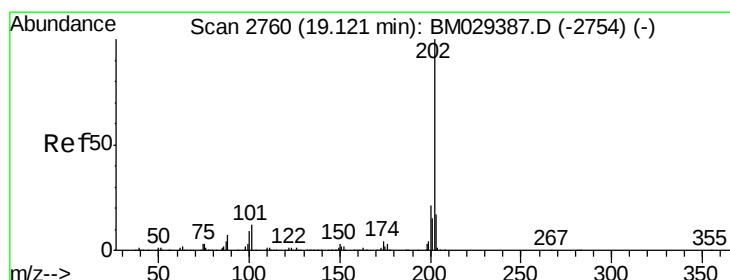
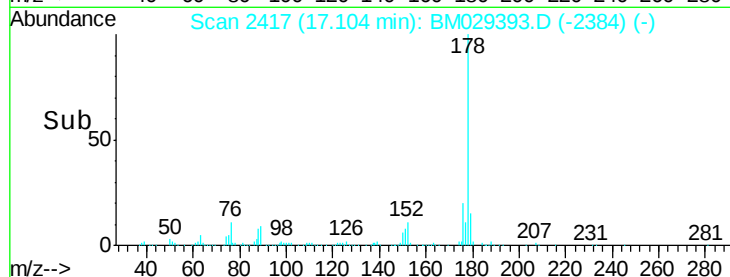
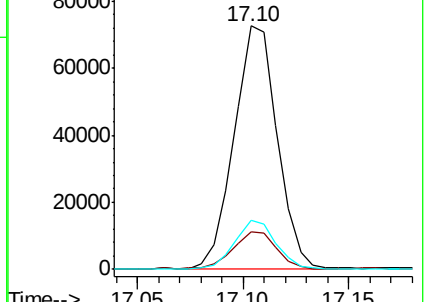
176 20.4 15.4 23.2



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



#77

Fluoranthene

Concen: 4.801 ng/ul

RT: 19.12 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BM029393.D

Acq: 08 Apr 2021 04:43

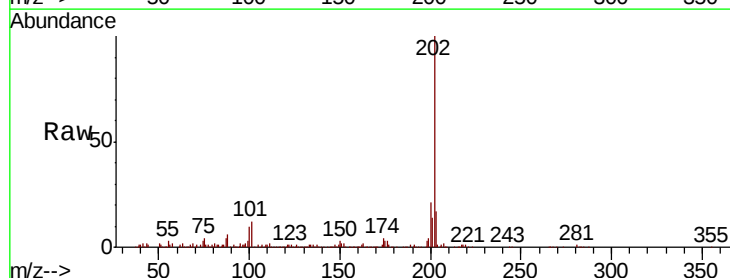
Tgt Ion:202 Resp: 176094

Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.6

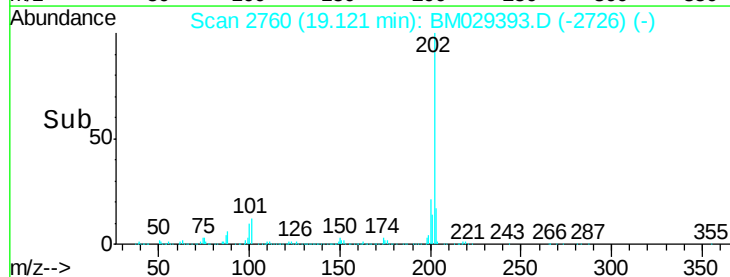
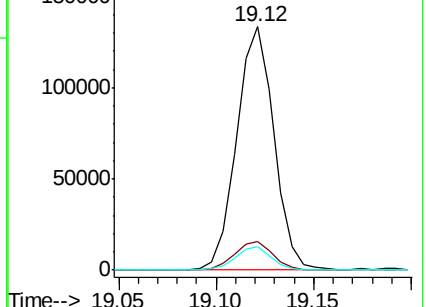
100 9.8 7.4 11.0

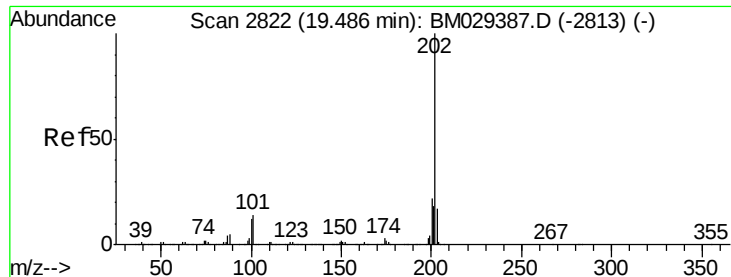


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

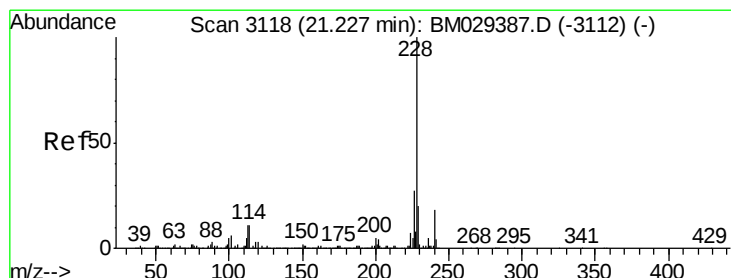
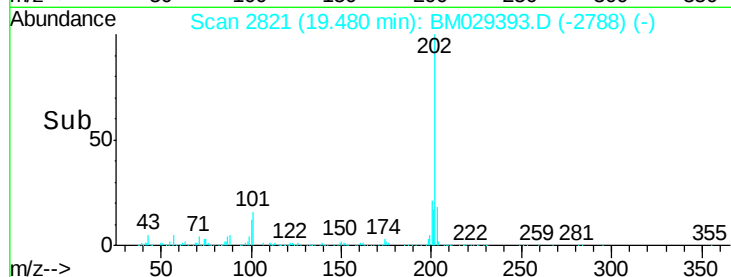
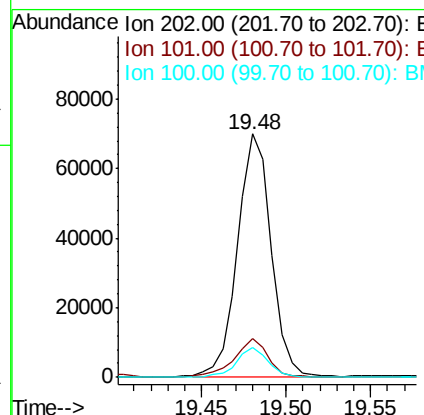
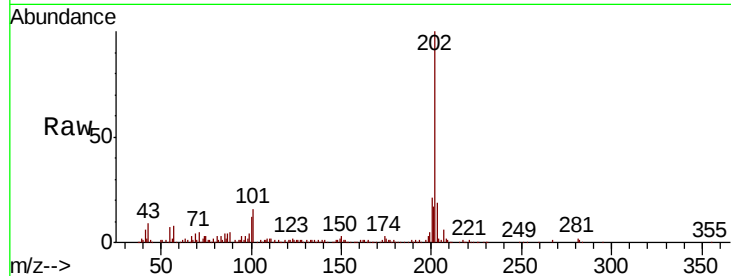




#80
Pvrene
Concen: 3.466 ng/ul
RT: 19.48 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM029393.D
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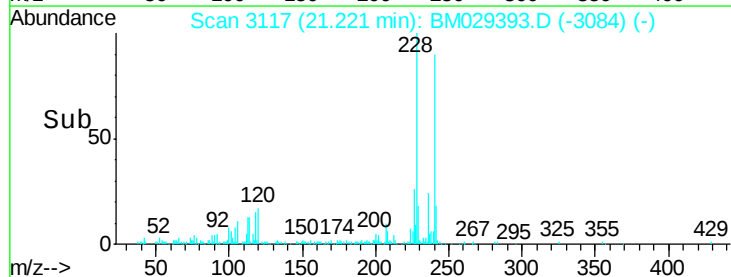
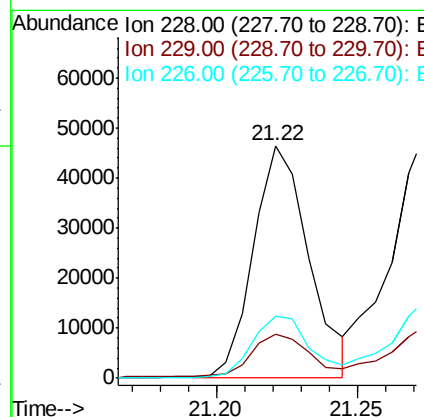
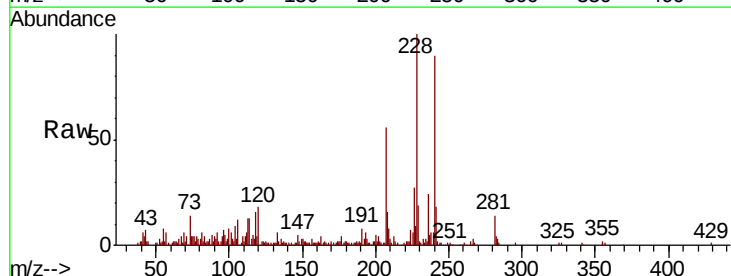
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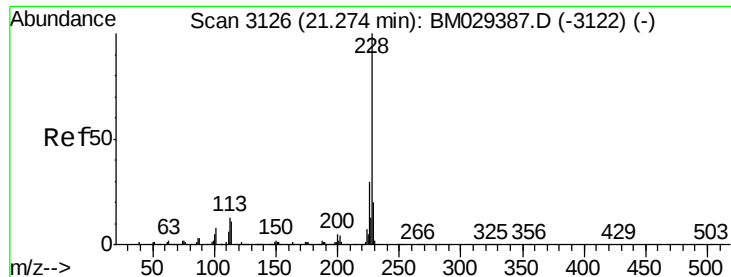
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.0	16.6
100	12.1	9.5	14.3



#83
Benzo(a)anthracene
Concen: 2.399 ng/ul
RT: 21.22 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM029393.D
Acq: 08 Apr 2021 04:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.7	23.5
226	26.6	22.3	33.5





#85

Chrysene

Concen: 2.815 ng/ul

RT: 21.27 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM029393.D

Acq: 08 Apr 2021 04:43

Instrument :

BNA_M

ClientSampleId :

C0B14

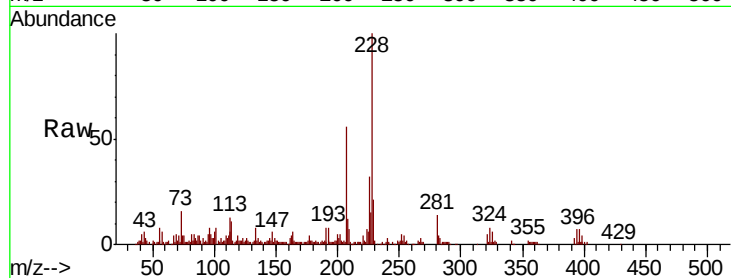
Tot Ion:228 Resp: 72668

Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

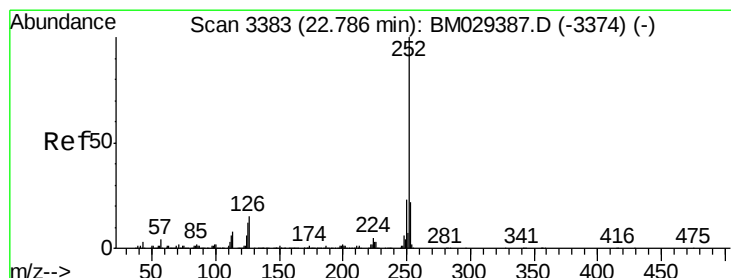
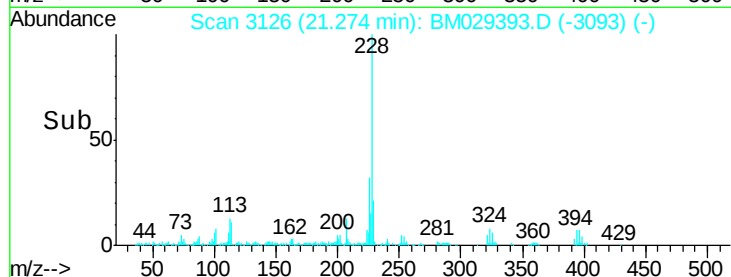
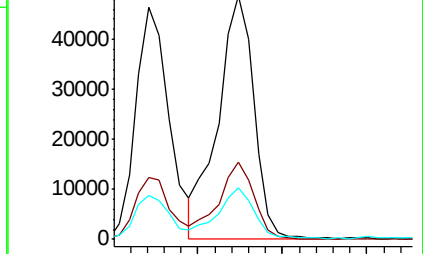
229 21.4 15.4 23.0



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: 2.982 ng/ul

RT: 22.78 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BM029393.D

Acq: 08 Apr 2021 04:43

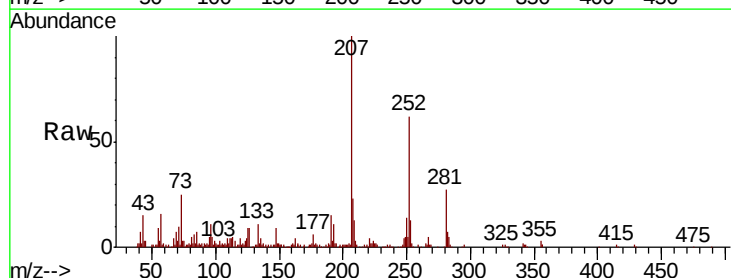
Tgt Ion:252 Resp: 73348

Ion Ratio Lower Upper

252 100

253 20.8 17.2 25.8

125 15.3 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

