

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029498.D
 Acq On : 15 Apr 2021 11:56
 Operator : CG/JU
 Sample : M1957-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B25

Quant Time: Apr 15 12:30:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 14 17:30:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	127433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	514506	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	301105	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	522974	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	335652	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	305713	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	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

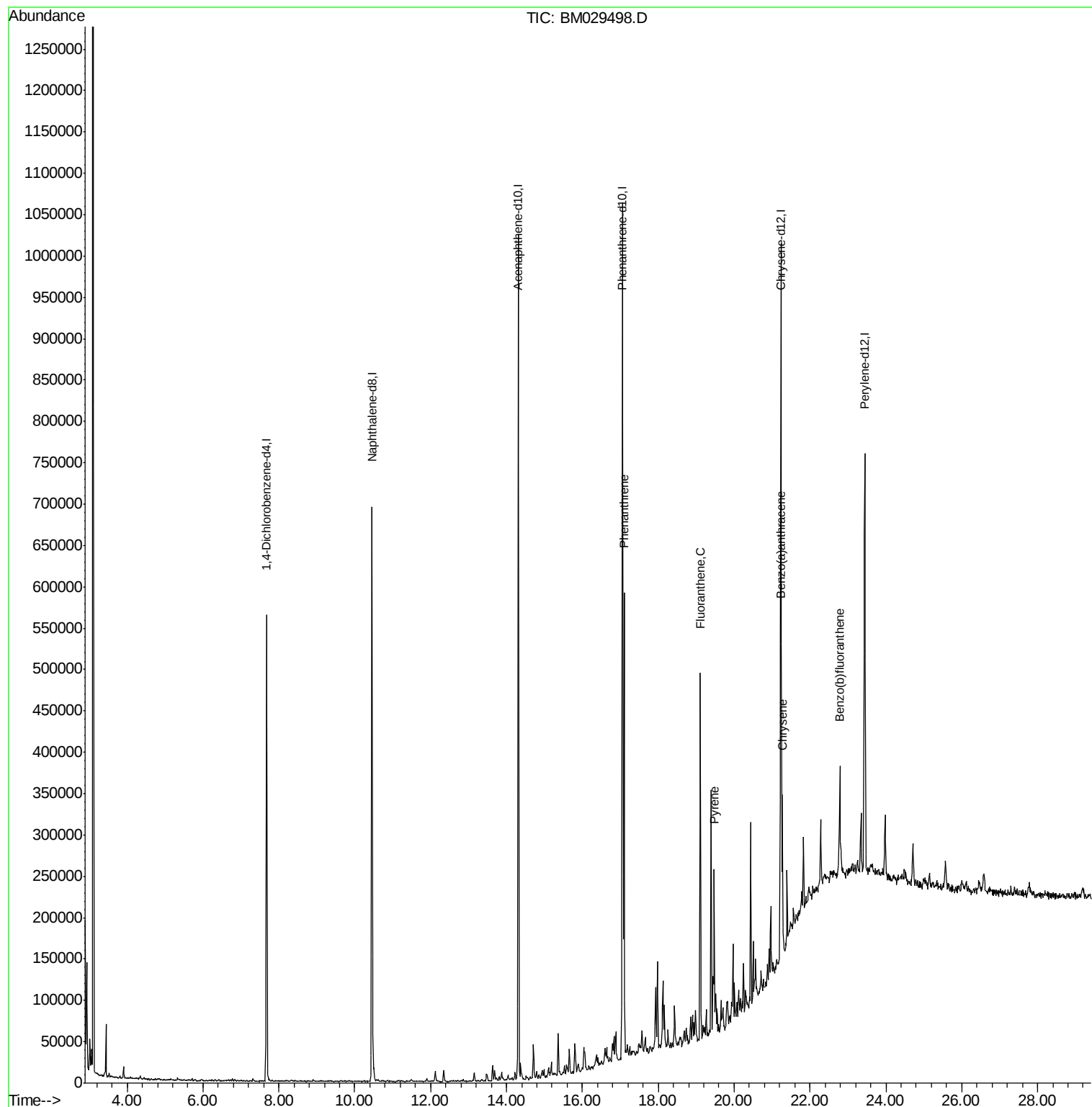
					Ovalue	
70) Phenanthrene	17.10	178	283475	9.415	ng/ul	99
77) Fluoranthene	19.12	202	232411	6.820	ng/ul	98
80) Pyrene	19.47	202	89411	4.022	ng/ul	97
83) Benzo(a)anthracene	21.22	228	58447	2.762	ng/ul	98
85) Chrysene	21.27	228	69355	3.351	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	39220	1.993	ng/ul#	90

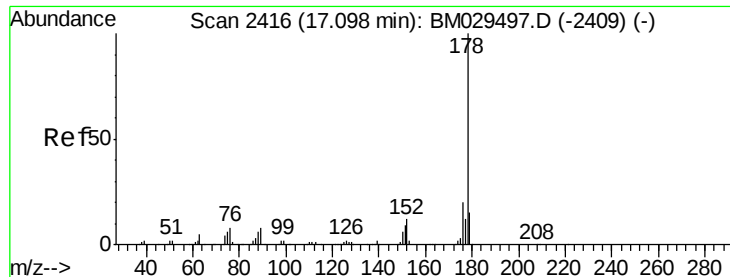
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 9.415 ng/ul

RT: 17.10 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BM029498.D

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BNA_M

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C0B25

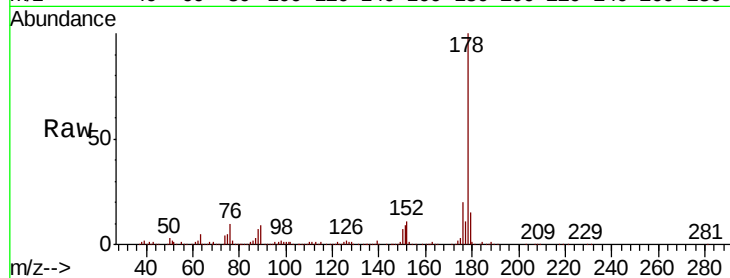
Tot Ion:178 Resp: 283475

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

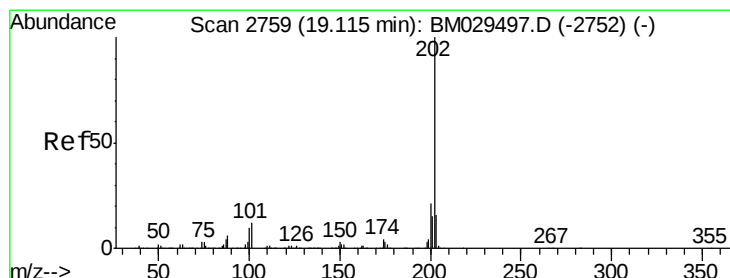
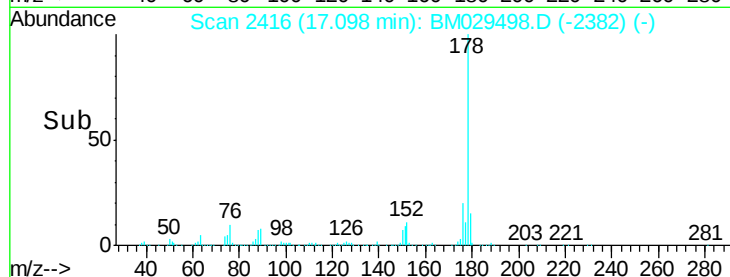
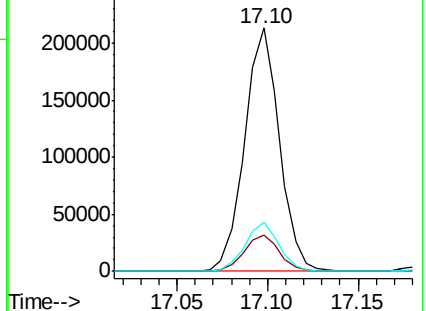
176 20.1 15.4 23.2



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: 6.820 ng/ul

RT: 19.12 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BM029498.D

Acq: 15 Apr 2021 11:56

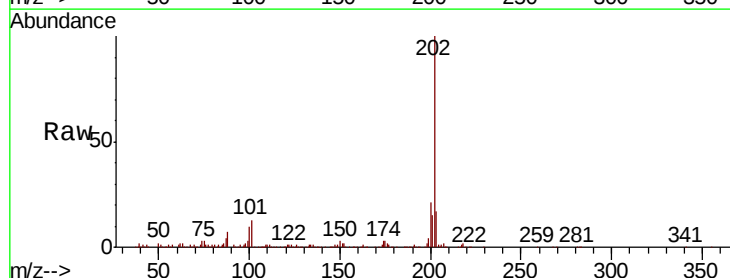
Tgt Ion:202 Resp: 232411

Ion Ratio Lower Upper

202 100

101 12.9 9.8 14.6

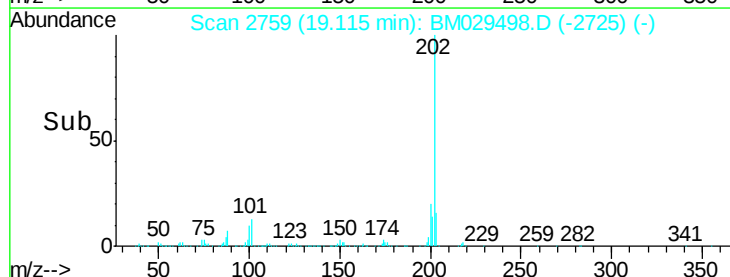
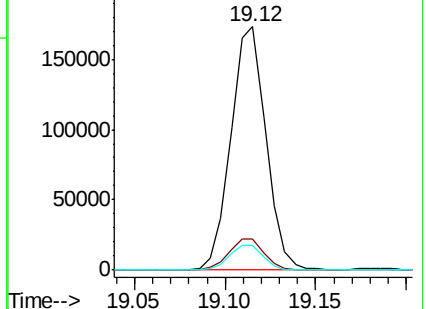
100 10.0 7.4 11.0

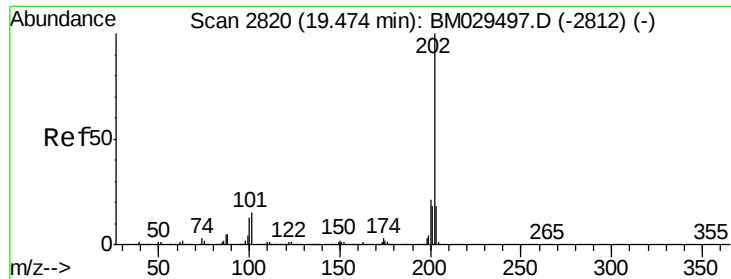


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

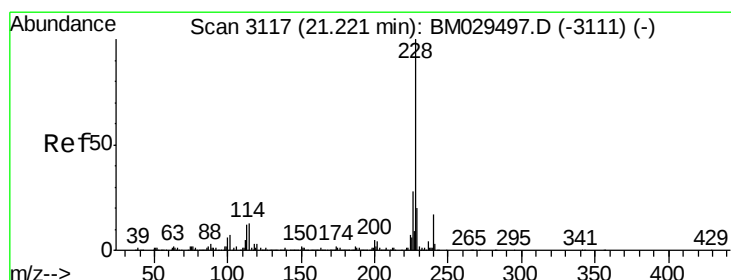
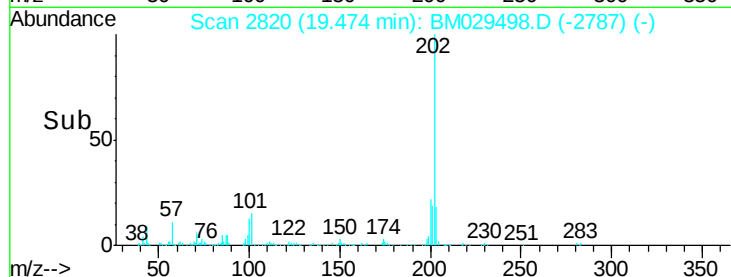
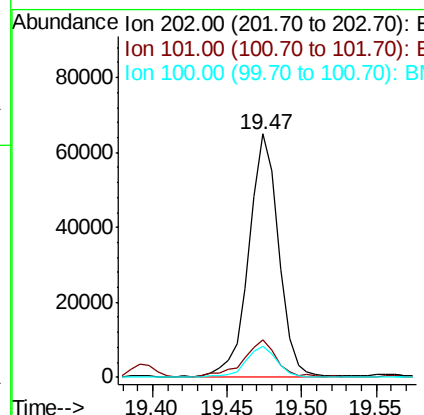
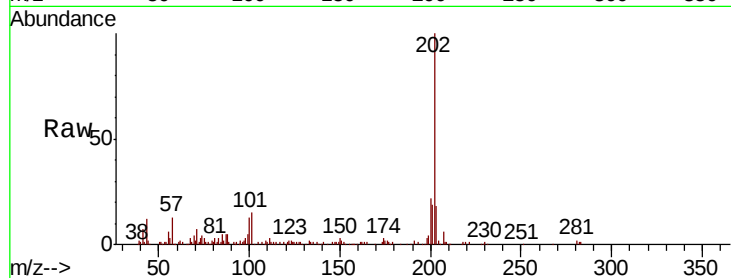




#80
Pvrene
Concen: 4.022 ng/ul
RT: 19.47 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM029498.D
Acq: 15 Apr 2021 11:56

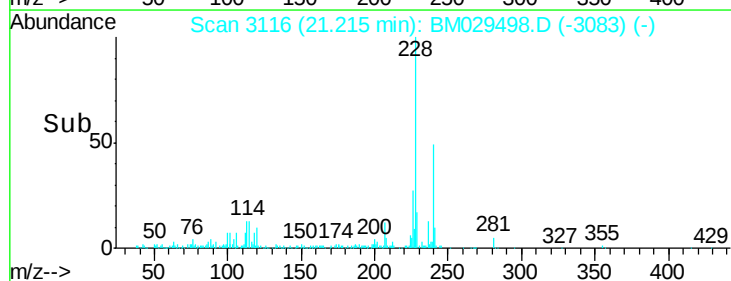
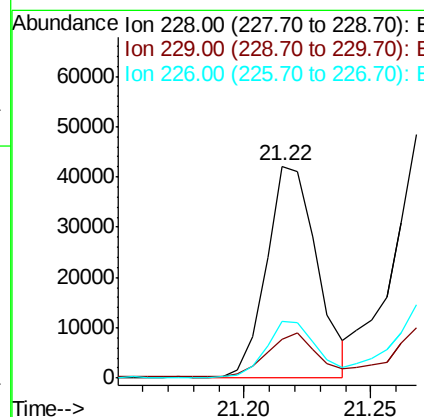
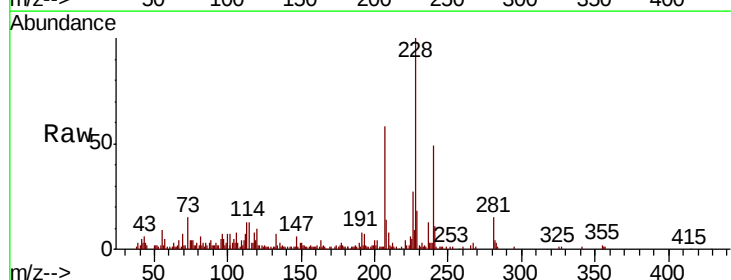
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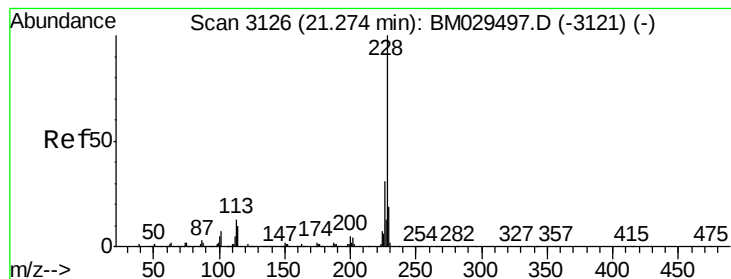
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.0	16.6
100	12.8	9.5	14.3



#83
Benzo(a)anthracene
Concen: 2.762 ng/ul
RT: 21.22 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM029498.D
Acq: 15 Apr 2021 11:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.1	15.7	23.5
226	26.9	22.3	33.5





#85

Chrysene

Concen: 3.351 ng/ul

RT: 21.27 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM029498.D

Acq: 15 Apr 2021 11:56

Instrument :

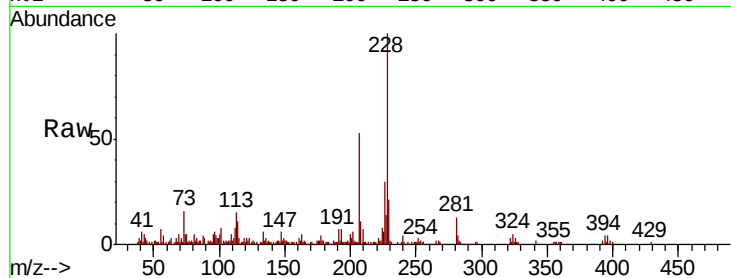
BNA_M

ClientSampleId :

C0B25

Tot Ion:228 Resp: 69355

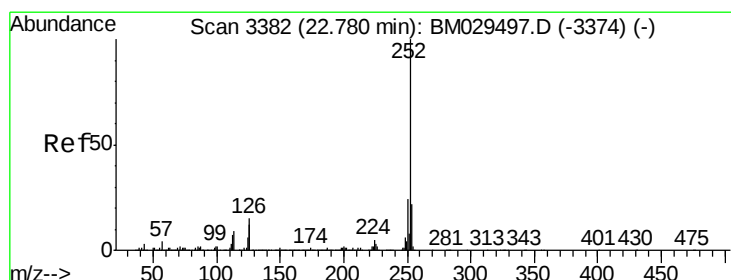
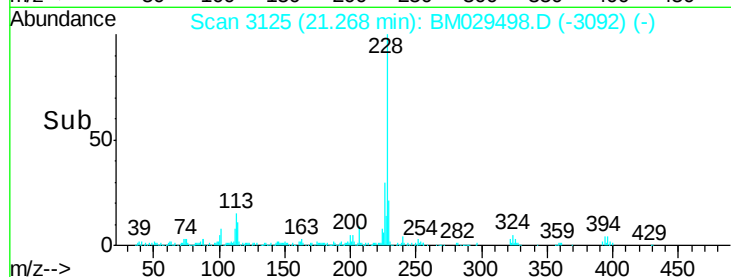
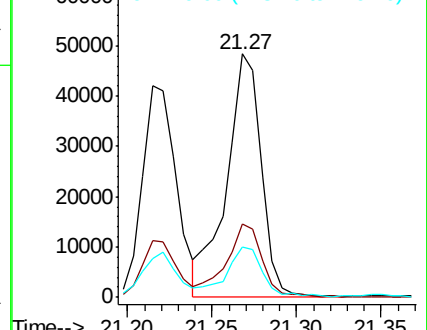
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.7	15.4	23.0



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: 1.993 ng/ul

RT: 22.78 min Scan# 3382

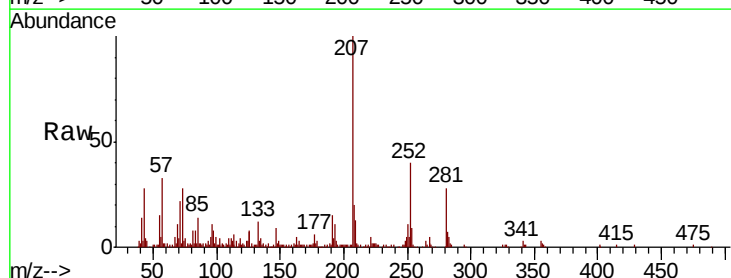
Delta R.T. -0.00 min

Lab File: BM029498.D

Acq: 15 Apr 2021 11:56

Tgt Ion:252 Resp: 39220

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	19.5	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

