

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029391.D
 Acq On : 08 Apr 2021 03:30
 Operator : CG/JU
 Sample : M1957-03
 Misc : GCMS CONFIRMATION
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B12

Quant Time: Apr 08 06:15:02 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	112496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	436906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	248706	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	467634	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	348476	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	319801	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

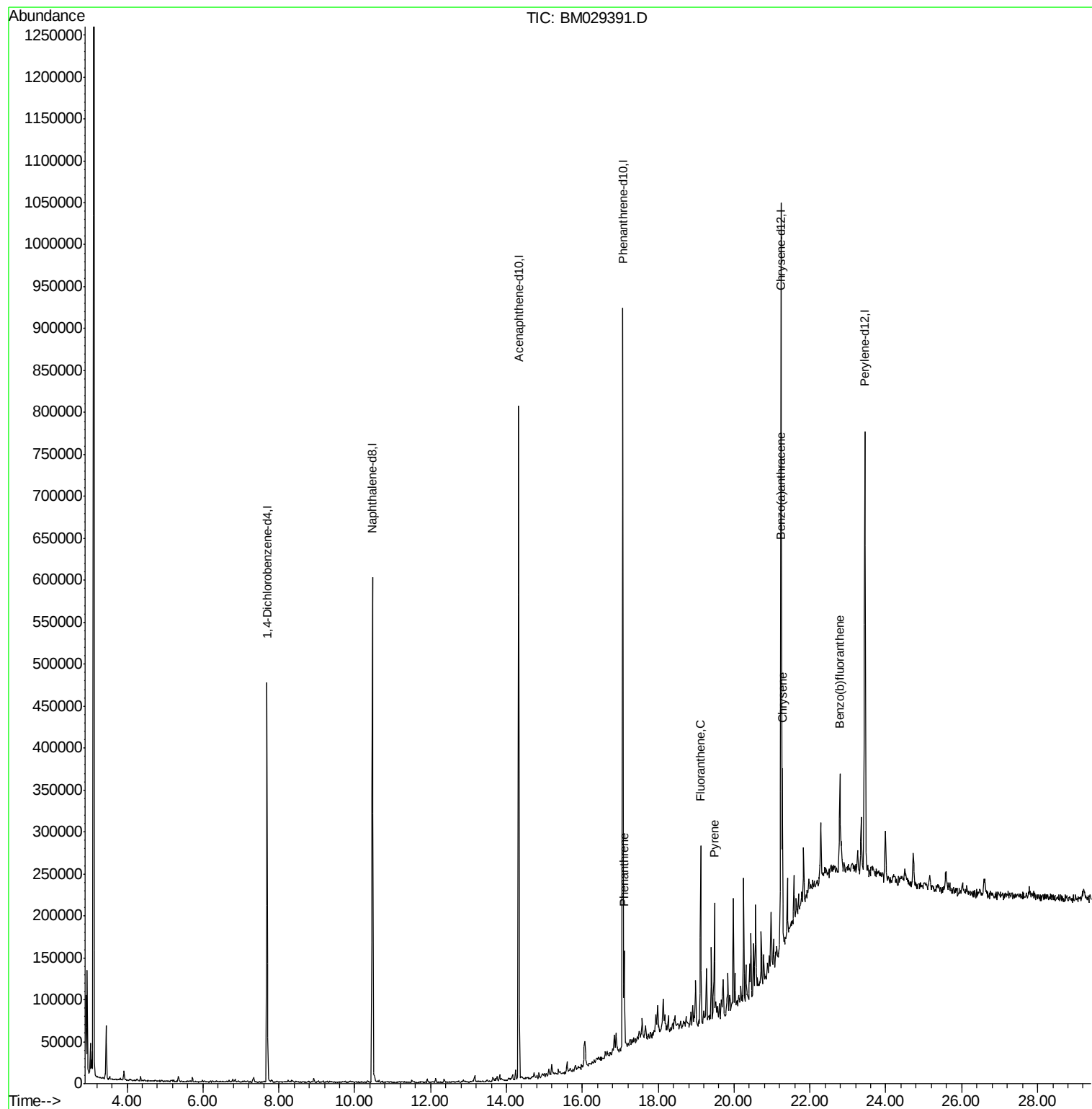
					Ovalue	
70) Phenanthrene	17.10	178	58092	2.158	ng/ul	99
77) Fluoranthene	19.12	202	109701	3.600	ng/ul	99
80) Pyrene	19.48	202	60783	2.634	ng/ul	100
83) Benzo(a)anthracene	21.22	228	39225	1.785	ng/ul	98
85) Chrysene	21.27	228	46689	2.173	ng/ul	95
88) Benzo(b)fluoranthene	22.79	252	45314	2.201	ng/ul#	93

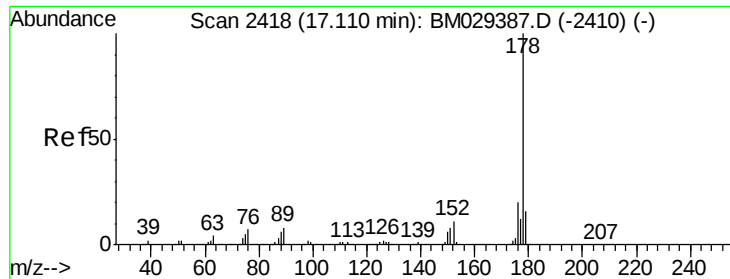
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 2.158 ng/ul

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM029391.D

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C0B12

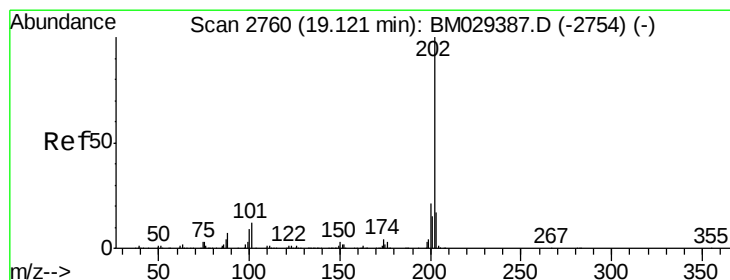
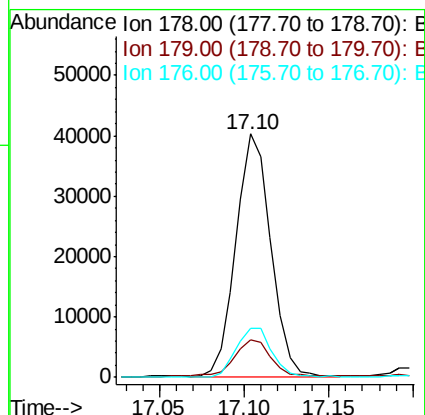
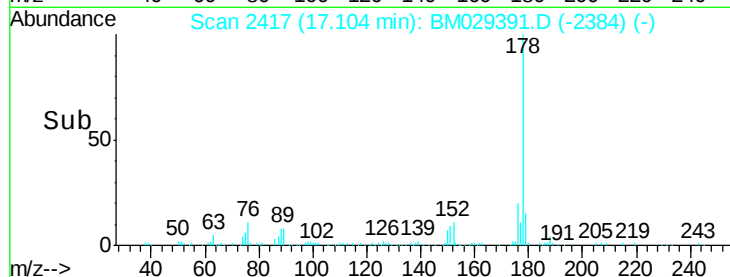
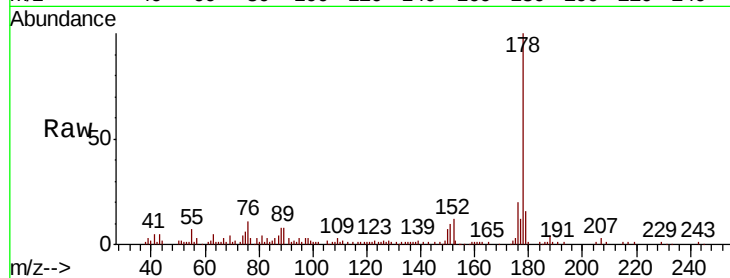
Tot Ion:178 Resp: 58092

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 20.0 15.4 23.2



#77

Fluoranthene

Concen: 3.600 ng/ul

RT: 19.12 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BM029391.D

Acq: 08 Apr 2021 03:30

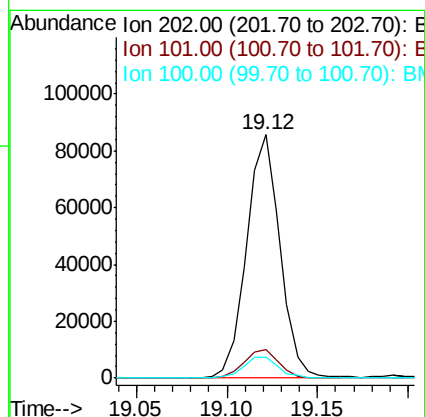
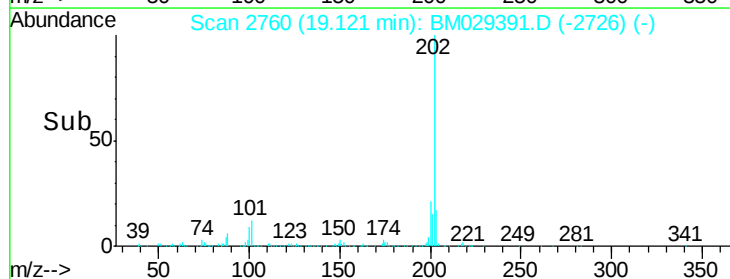
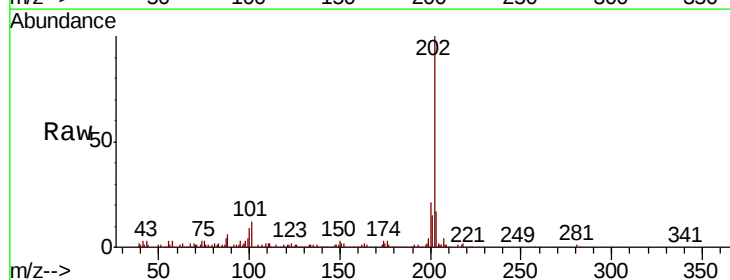
Tgt Ion:202 Resp: 109701

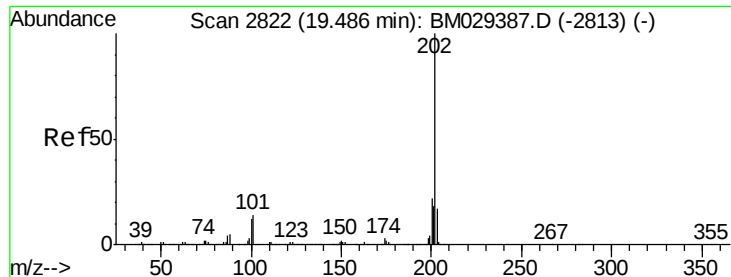
Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.6

100 8.7 7.4 11.0

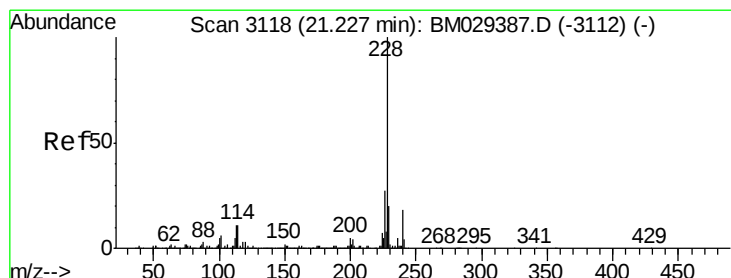
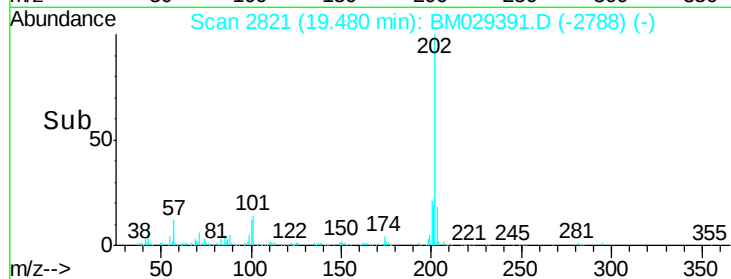
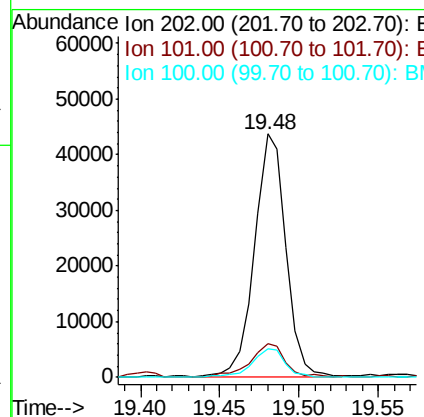
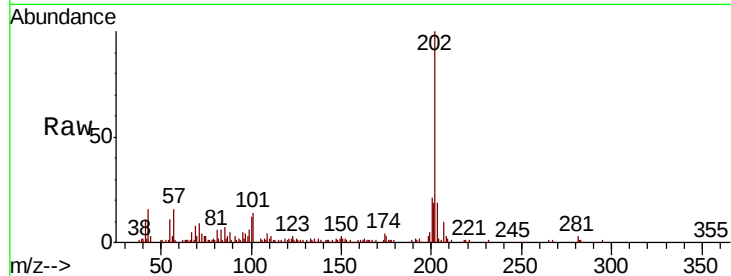




#80
Pvrene
Concen: 2.634 ng/ul
RT: 19.48 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM029391.D
Acq: 08 Apr 2021 03:30

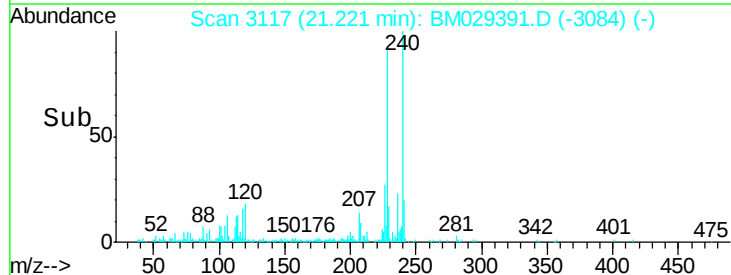
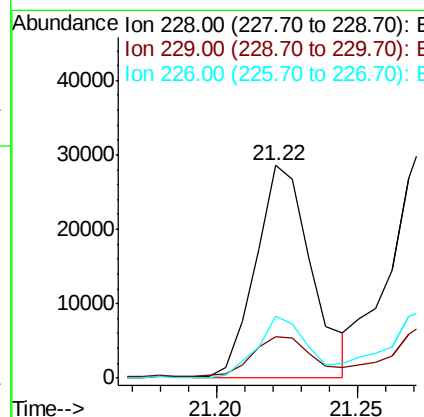
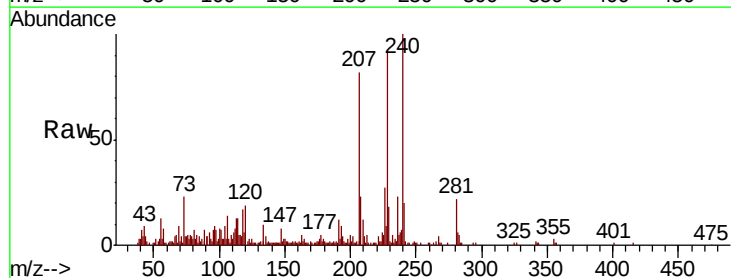
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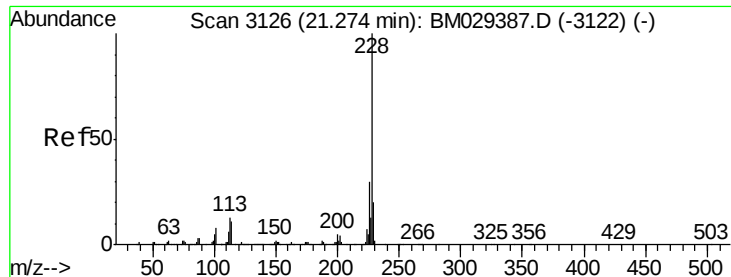
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
100	12.0	9.5	14.3



#83
Benzo(a)anthracene
Concen: 1.785 ng/ul
RT: 21.22 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM029391.D
Acq: 08 Apr 2021 03:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	29.2	22.3	33.5

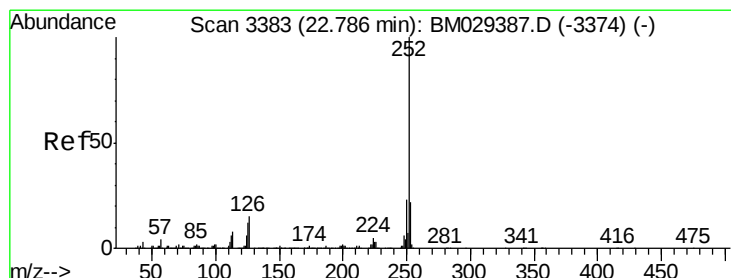
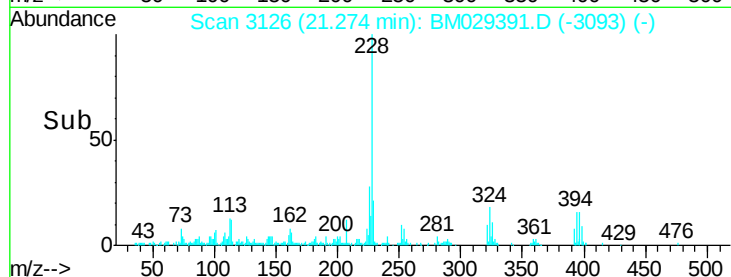
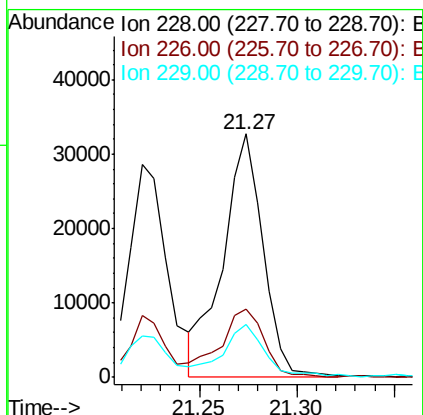
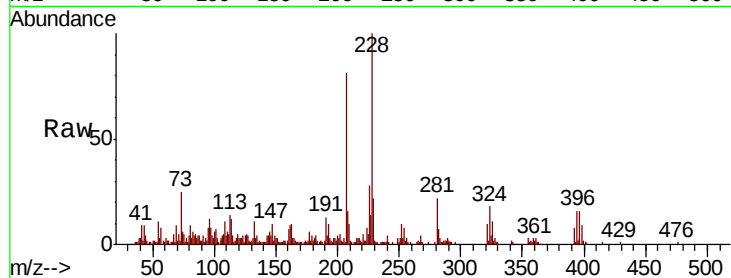




#85
 Chrysene
 Concen: 2.173 ng/ul
 RT: 21.27 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BM029391.D
 Acq: 08 Apr 2021 03:30

Instrument :
 BNA_M
 ClientSampleId :
 C0B12

Tot Ion:228	Resp:	46689
Ion	Ratio	Lower Upper
228	100	
226	27.8	24.0 36.0
229	21.9	15.4 23.0



#88
 Benzo(b)fluoranthene
 Concen: 2.201 ng/ul
 RT: 22.79 min Scan# 3383
 Delta R.T. -0.01 min
 Lab File: BM029391.D
 Acq: 08 Apr 2021 03:30

Tgt Ion:252	Resp:	45314
Ion	Ratio	Lower Upper
252	100	
253	22.7	17.2 25.8
125	17.0	8.8 13.2#

