

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
 Data File : BM026346.D
 Acq On : 11 Jun 2020 00:58
 Operator : JU/CG
 Sample : L2898-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETX67

Quant Time: Jun 11 02:23:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 10 10:35:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	174370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	650620	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	342458	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	625550	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	543005	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	567687	20.00	ng/ul	-0.01

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	0d	0.00	ng/ul
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul

Target Compounds

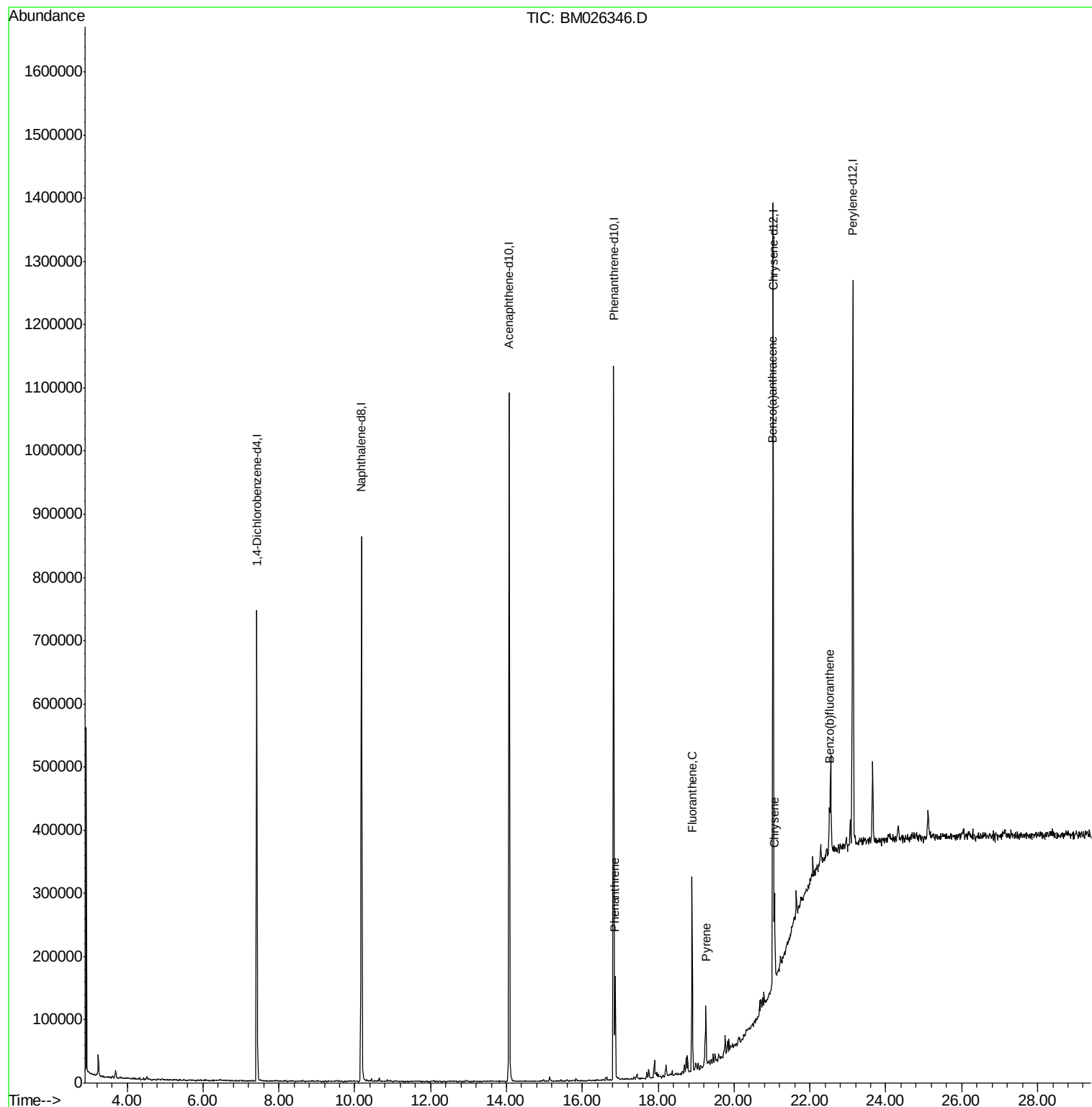
				Ovalue	
70) Phenanthrene	16.86	178	87615	2.224	ng/ul 100
77) Fluoranthene	18.89	202	174614	4.225	ng/ul 97
80) Pyrene	19.26	202	55883	1.466	ng/ul# 94
83) Benzo(a)anthracene	21.02	228	45386	1.213	ng/ul 98
85) Chrysene	21.07	228	74902	2.013	ng/ul 98
88) Benzo(b)fluoranthene	22.52	252	49982	1.302	ng/ul# 94

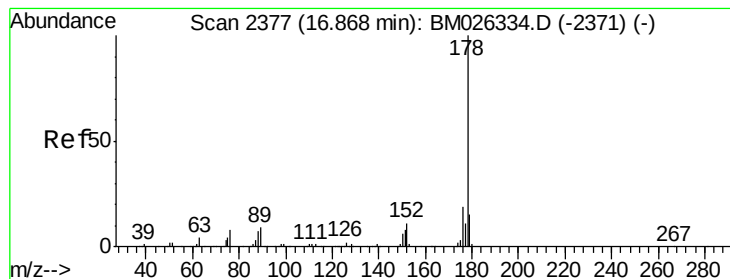
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 2.224 ng/ul

RT: 16.86 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BM026346.D

Acq: 11 Jun 2020 00:58

Instrument :

BNA_M

ClientSampleId :

ETX67

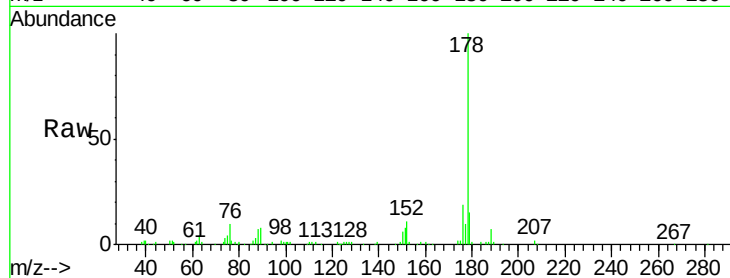
Tot Ion:178 Resp: 87615

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

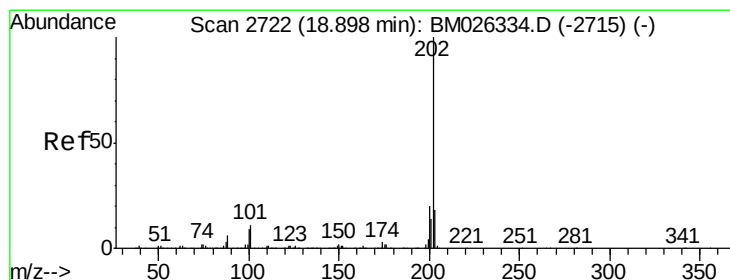
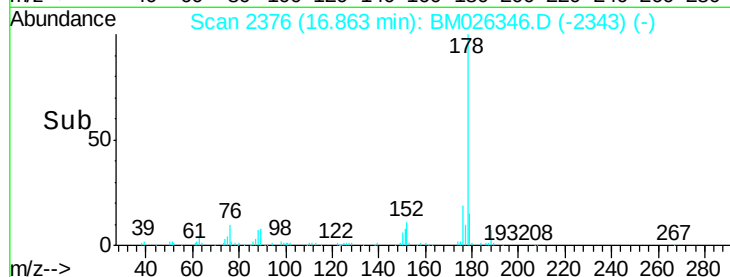
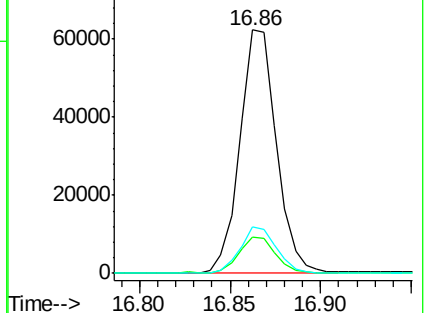
176 19.1 15.3 22.9



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: 4.225 ng/ul

RT: 18.89 min Scan# 2721

Delta R.T. -0.01 min

Lab File: BM026346.D

Acq: 11 Jun 2020 00:58

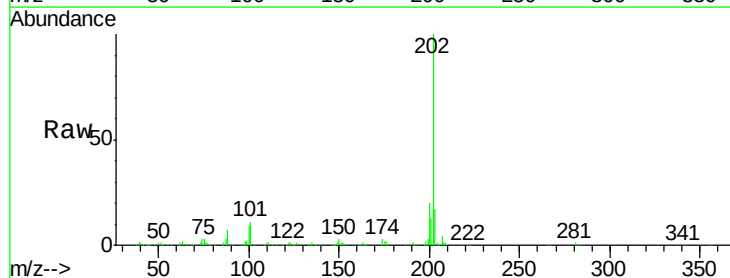
Tgt Ion:202 Resp: 174614

Ion Ratio Lower Upper

202 100

101 11.5 8.2 12.4

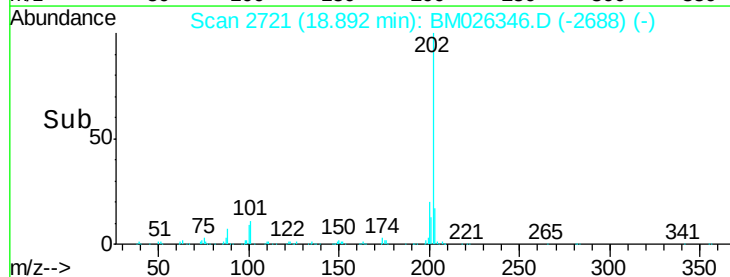
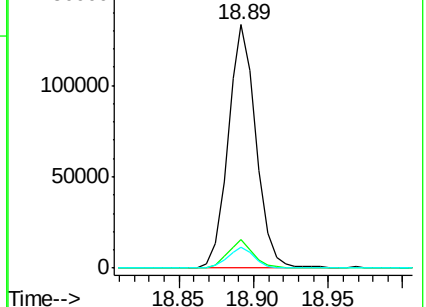
100 8.7 6.5 9.7

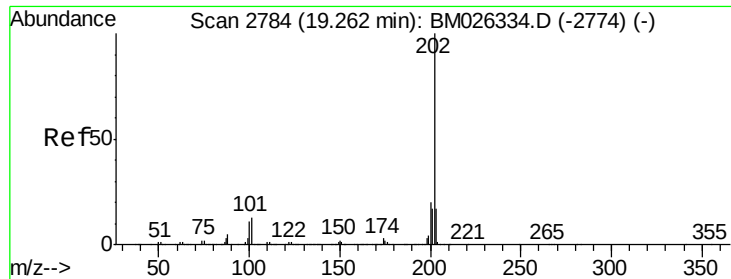


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

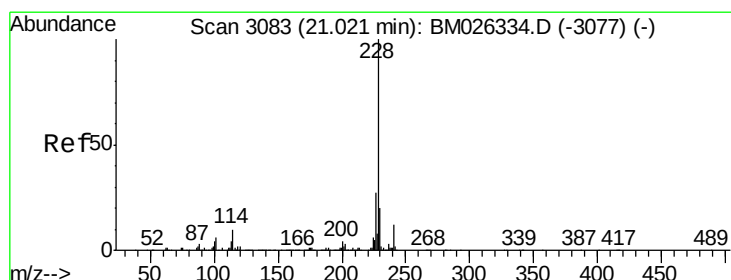
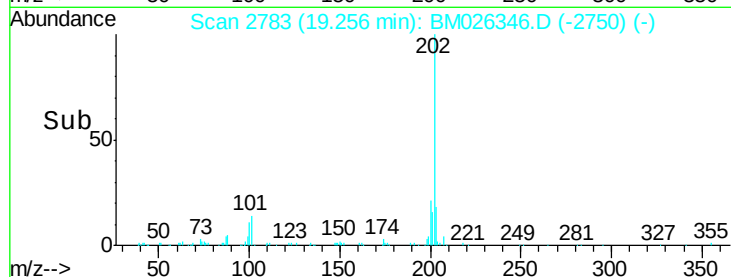
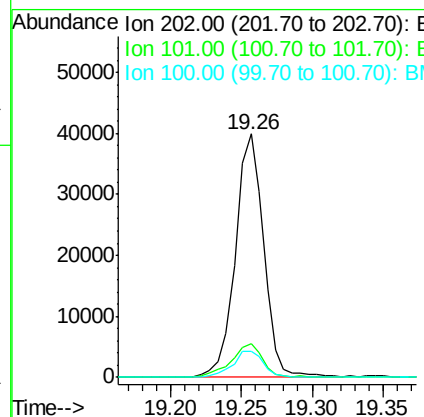
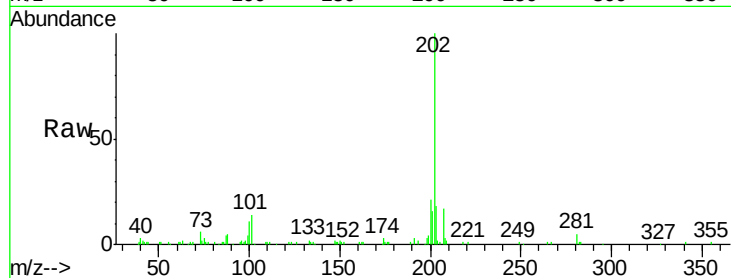




#80
Pvrene
Concen: 1.466 ng/ul
RT: 19.26 min Scan# 2783
Delta R.T. -0.01 min
Lab File: BM026346.D
Acq: 11 Jun 2020 00:58

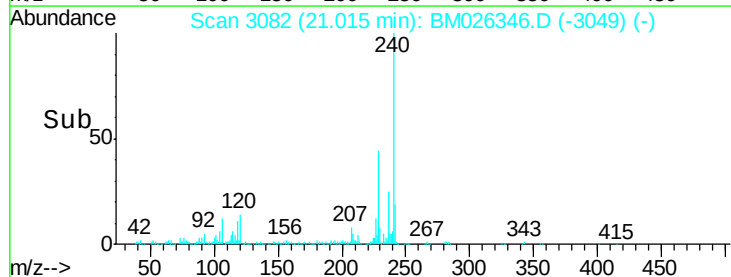
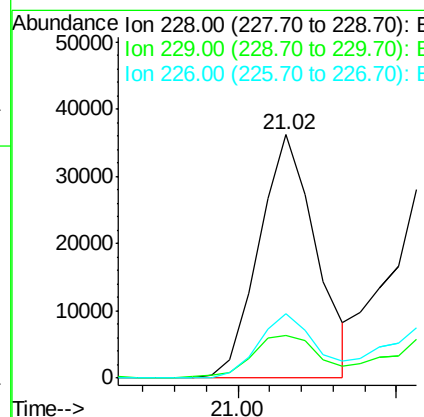
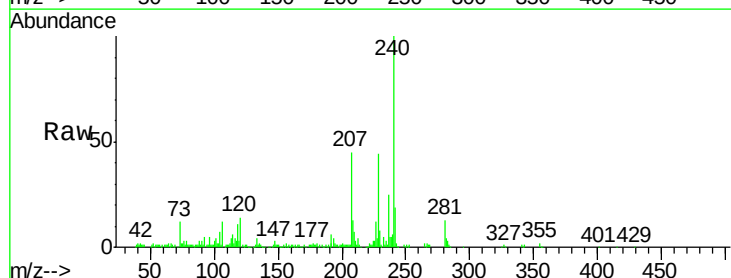
Instrument :
BNA_M
ClientSampled :
ETX67

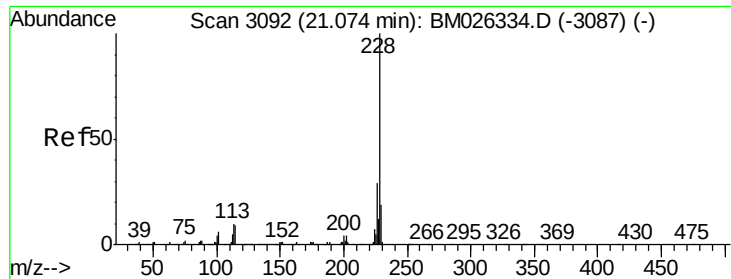
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	8.9	13.3#
100	10.9	7.5	11.3



#83
Benzo(a)anthracene
Concen: 1.213 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BM026346.D
Acq: 11 Jun 2020 00:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.6	15.5	23.3
226	26.5	21.0	31.6

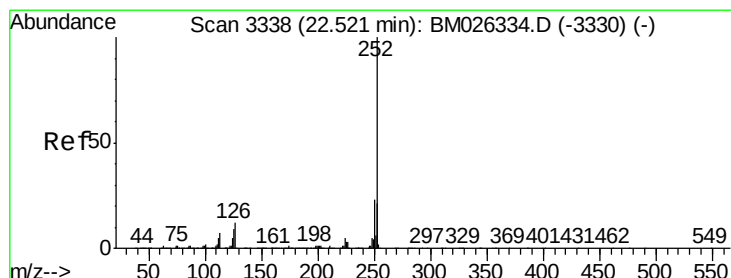
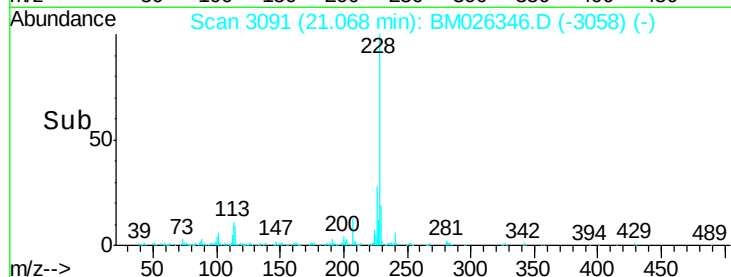
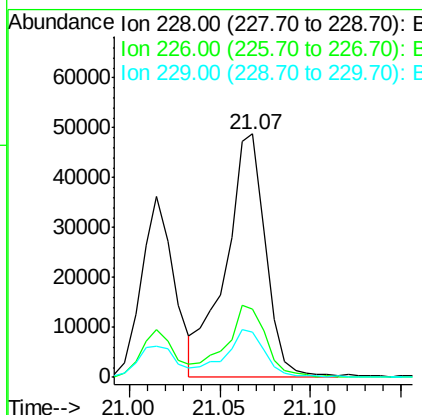
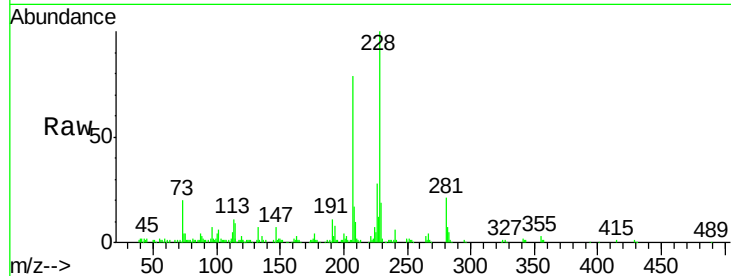




#85
Chrysene
Concen: 2.013 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM026346.D
Acq: 11 Jun 2020 00:58

Instrument :
BNA_M
ClientSampleId :
ETX67

Tot Ion:228 Resp: 74902
Ion Ratio Lower Upper
228 100
226 28.3 23.4 35.0
229 18.8 15.6 23.4



#88
Benzo(b)fluoranthene
Concen: 1.302 ng/ul
RT: 22.52 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM026346.D
Acq: 11 Jun 2020 00:58

Tgt Ion:252 Resp: 49982
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 12.1 6.7 10.1#

