

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029488.D
 Acq On : 15 Apr 2021 05:49
 Operator : CG/JU
 Sample : M1957-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B10

Quant Time: Apr 15 06:33:50 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	126579	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	503547	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	290488	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	521561	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	363052	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	314451	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

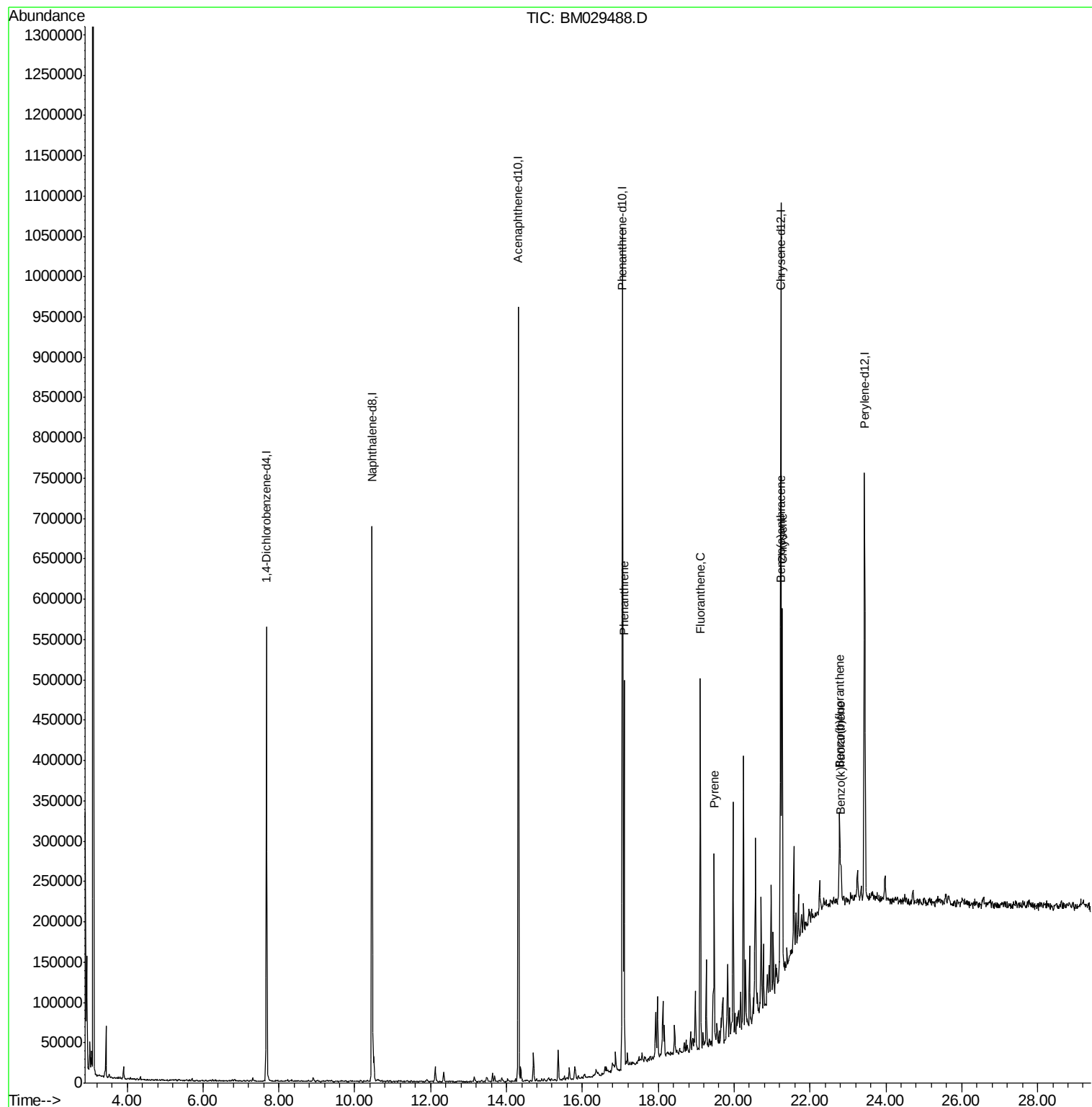
					Ovalue
70) Phenanthrene	17.10	178	243332	8.104	ng/ul 100
77) Fluoranthene	19.12	202	241903	7.117	ng/ul 99
80) Pyrene	19.47	202	124998	5.199	ng/ul 98
83) Benzo(a)anthracene	21.22	228	73817	3.225	ng/ul 99
85) Chrysene	21.27	228	85483	3.819	ng/ul 97
88) Benzo(b)fluoranthene	22.78	252	68534	3.386	ng/ul# 95
89) Benzo(k)fluoranthene	22.82	252	21551	1.084	ng/ul 95

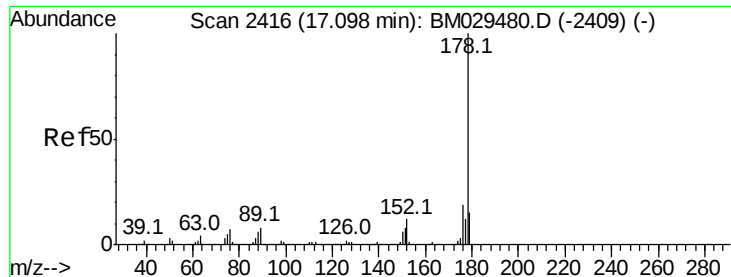
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 8.104 ng/ul

RT: 17.10 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BM029488.D

Acq: 15 Apr 2021 05:49

Instrument :

BNA_M

ClientSampleId :

C0B10

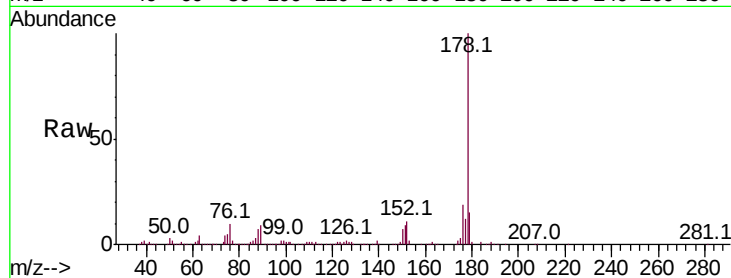
Tot Ion:178 Resp: 243332

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

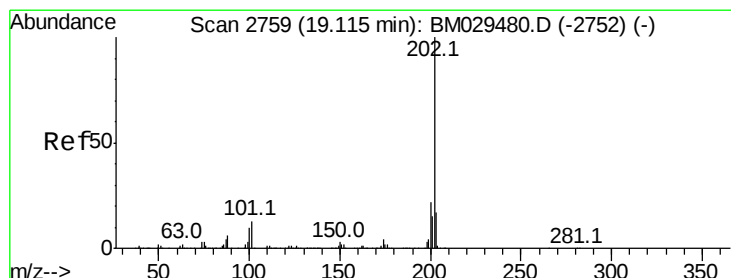
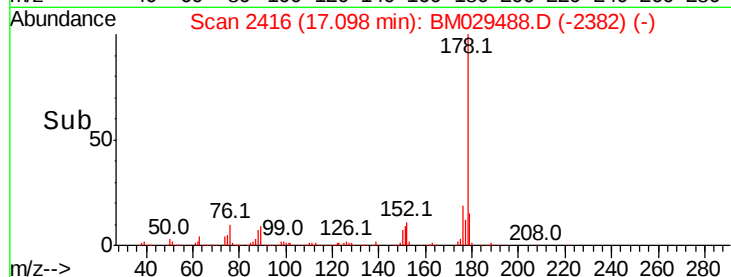
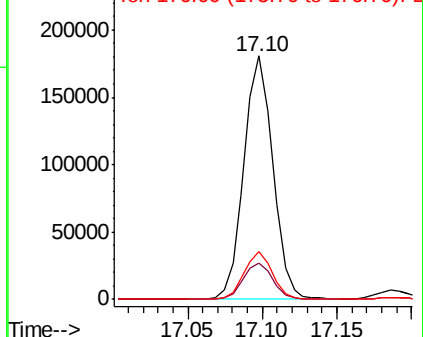
176 19.5 15.4 23.2



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: 7.117 ng/ul

RT: 19.12 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BM029488.D

Acq: 15 Apr 2021 05:49

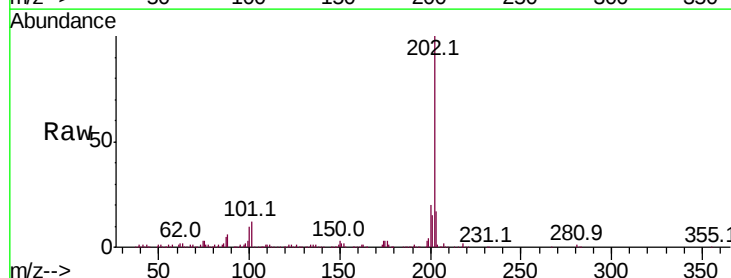
Tgt Ion:202 Resp: 241903

Ion Ratio Lower Upper

202 100

101 12.3 9.8 14.6

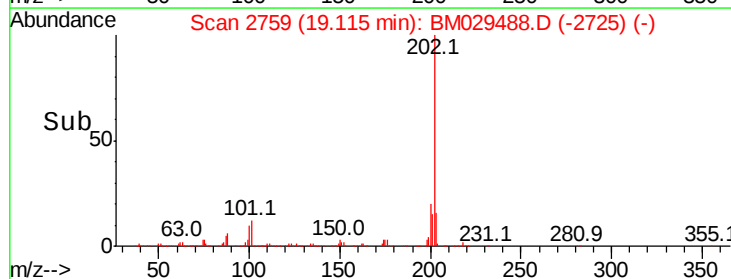
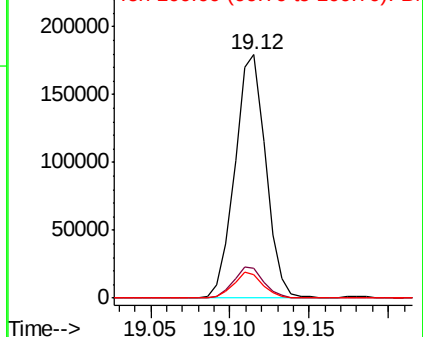
100 9.7 7.4 11.0

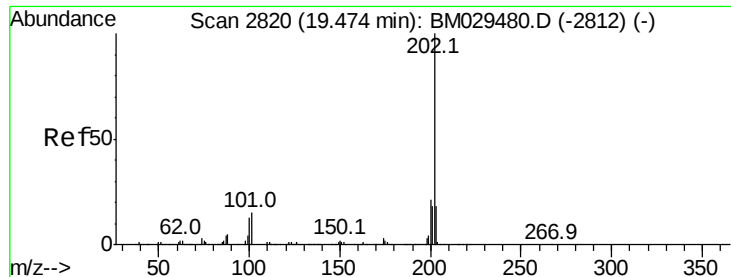


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

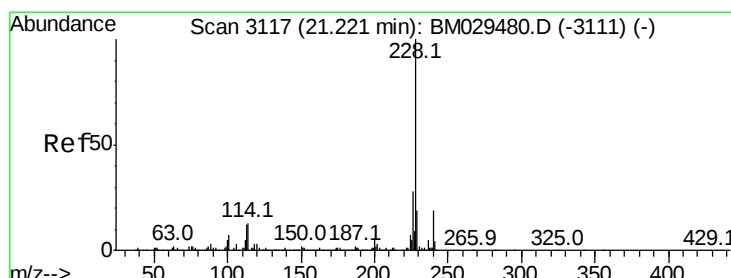
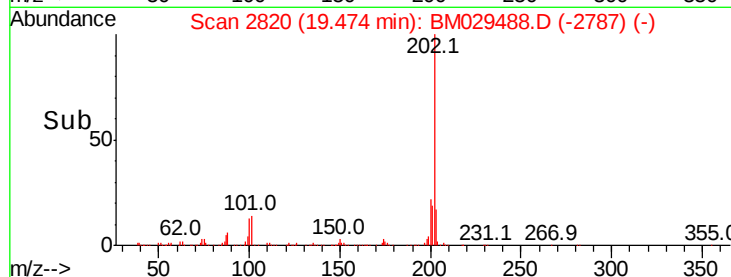
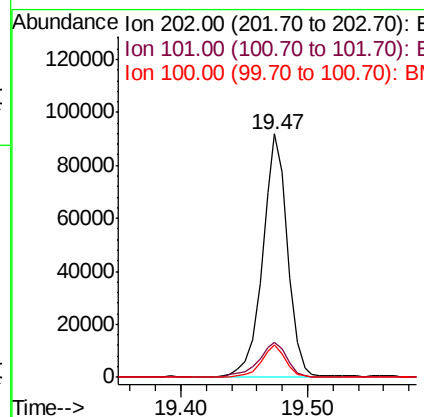
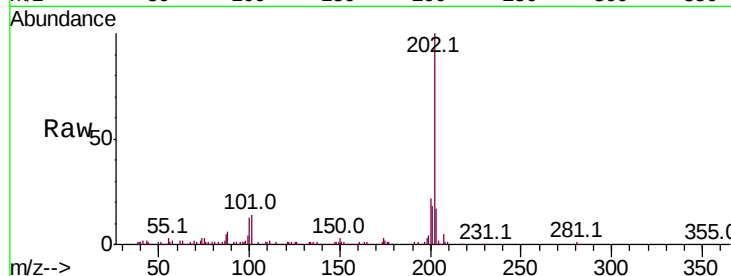




#80
Pvrene
Concen: 5.199 ng/ul
RT: 19.47 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM029488.D
Acq: 15 Apr 2021 05:49

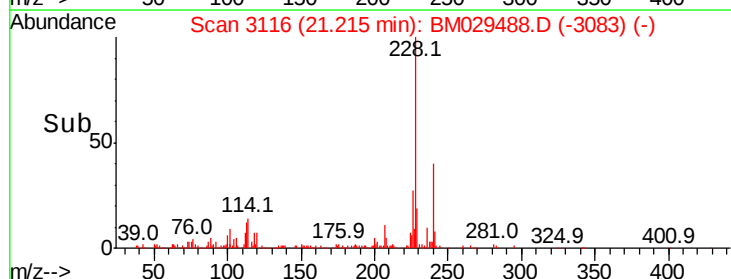
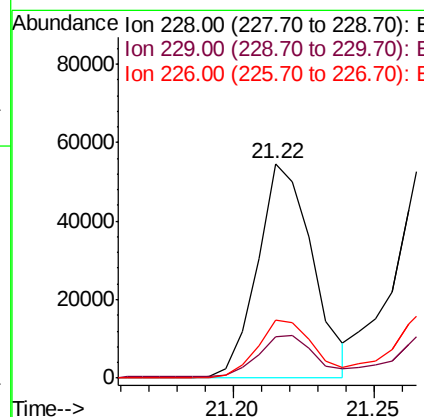
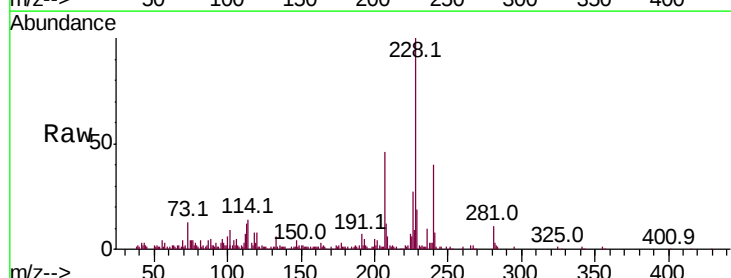
Instrument :
BNA_M
ClientSampleId :
C0B10

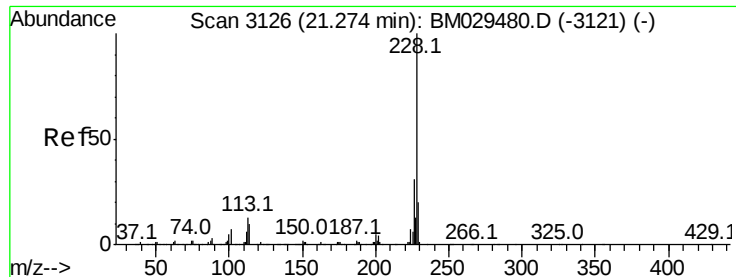
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.0	16.6
100	13.2	9.5	14.3



#83
Benzo(a)anthracene
Concen: 3.225 ng/ul
RT: 21.22 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM029488.D
Acq: 15 Apr 2021 05:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	27.1	22.3	33.5

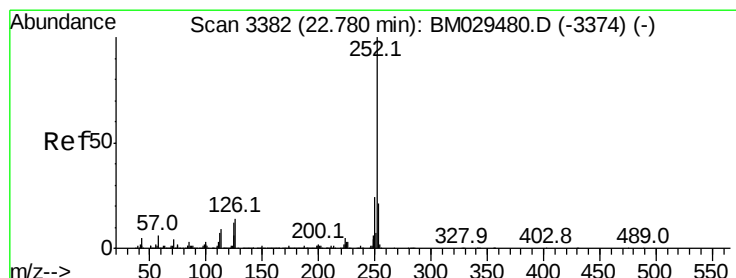
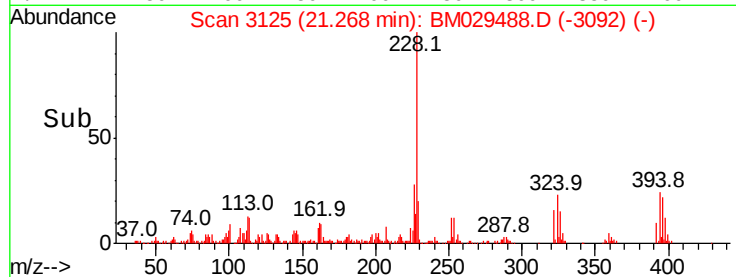
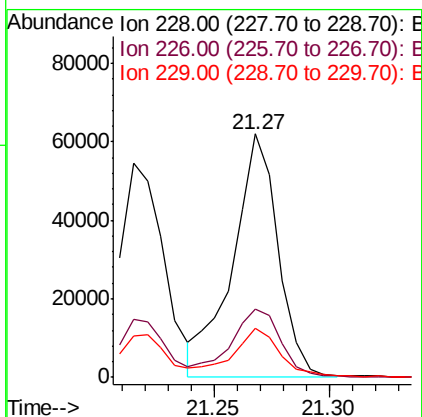
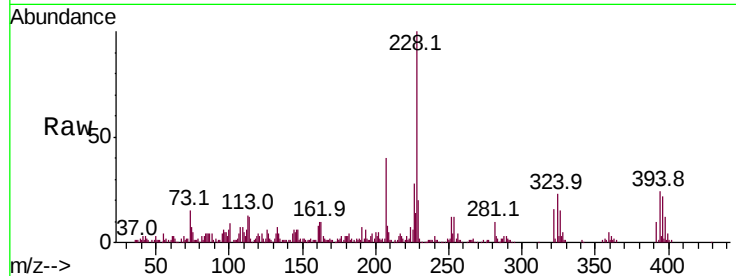




#85
 Chrysene
 Concen: 3.819 ng/ul
 RT: 21.27 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM029488.D
 Acq: 15 Apr 2021 05:49

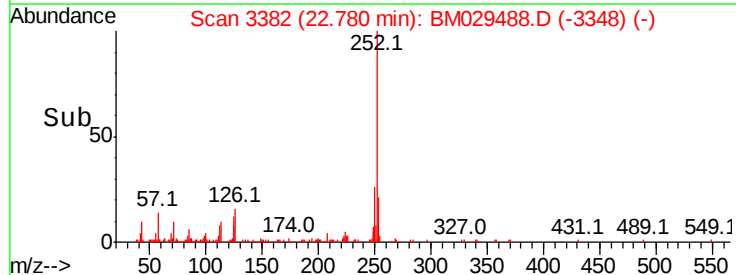
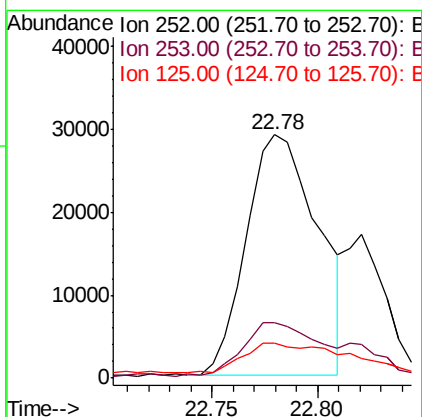
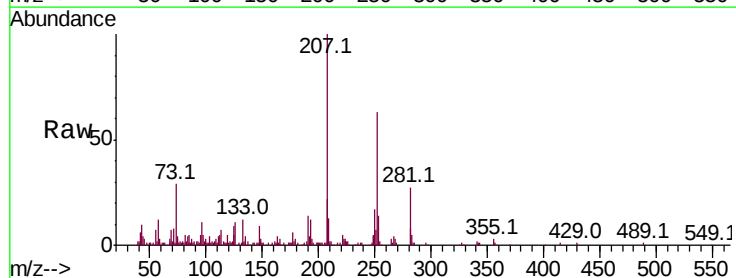
Instrument :
 BNA_M
 ClientSampleId :
 C0B10

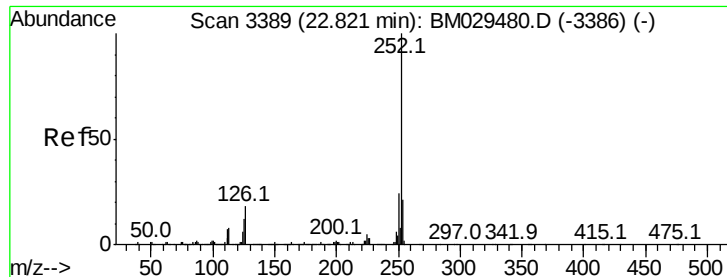
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	20.1	15.4	23.0



#88
 Benzo(b)fluoranthene
 Concen: 3.386 ng/ul
 RT: 22.78 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: BM029488.D
 Acq: 15 Apr 2021 05:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.1	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 1.084 ng/ul

RT: 22.82 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM029488.D

Acq: 15 Apr 2021 05:49

Instrument :

BNA_M

ClientSampleId :

C0B10

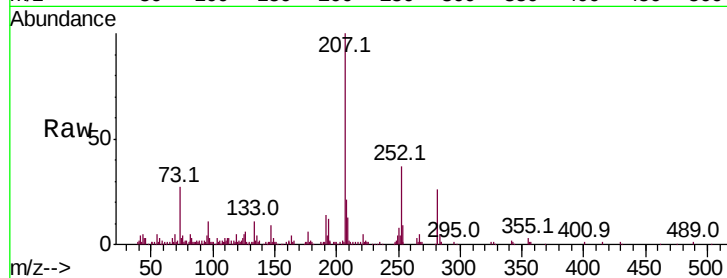
Tot Ion:252 Resp: 21551

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

125 13.6 9.4 14.0



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

