

Data File : BM023593.D
Acq On : 04 Nov 2019 23:33
Operator : JU
Sample : K5403-02
Misc : GCMS CONFIRMATION
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB93

Quant Time: Nov 05 03:30:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 05 03:27:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	547404	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2097507	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1187128	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2345220	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2175382	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	2732694	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	205	0.02	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.95	67	573	0.02	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.16	113	218	0.01	ng/ul	-0.16
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	10.51	131	127	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	13.94	160	107	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	236	0.02	ng/ul	0.11
58) Fluorene-d10	15.24	176	684	0.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.00	188	2345220	21.16	ng/ul	-0.10
79) Pyrene-d10	19.39	212	4375	0.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2691583	19.33	ng/ul	0.14

Target Compounds

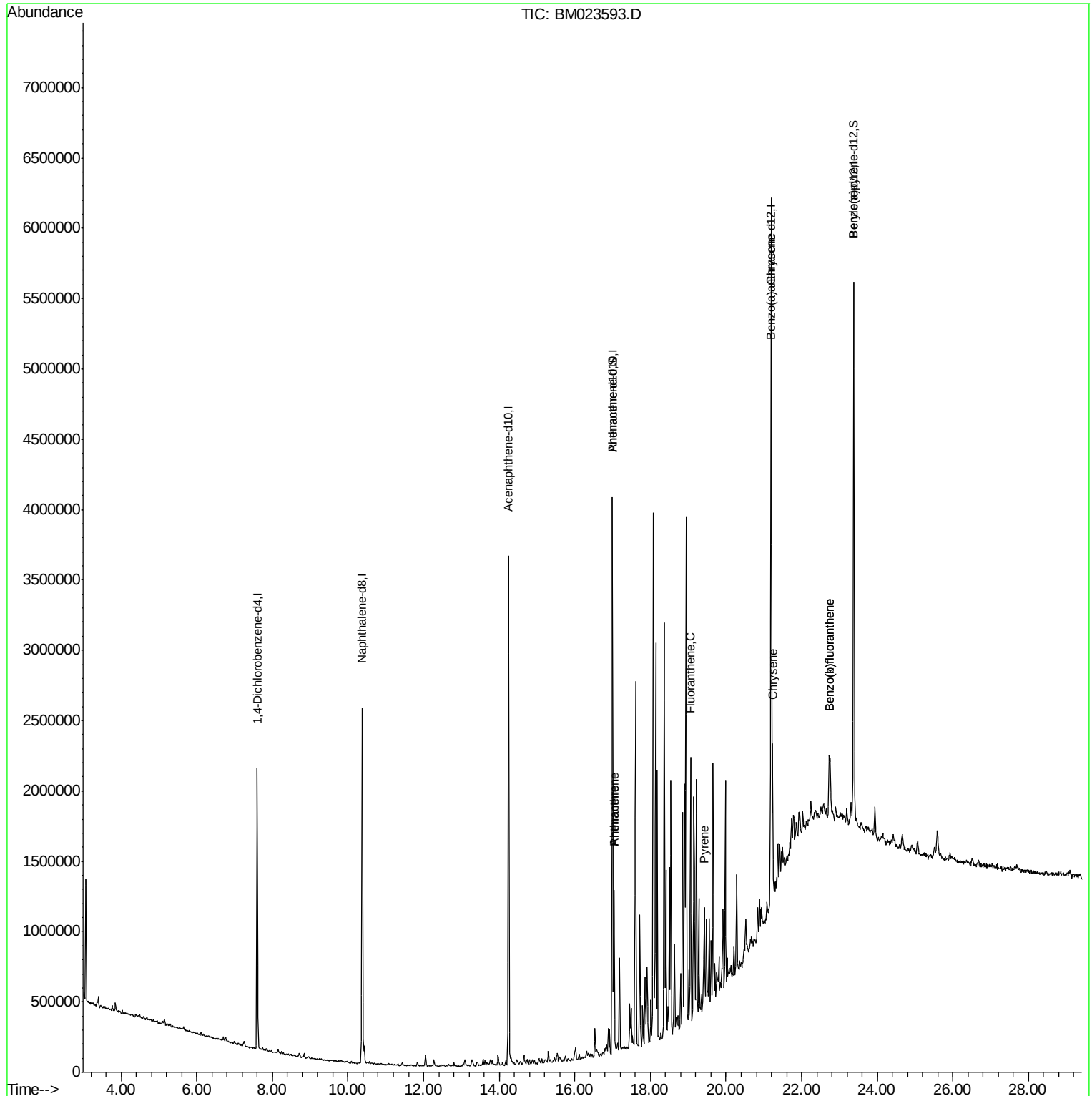
					Qvalue	
70) Phenanthrene	17.04	178	607093	4.632	ng/ul	99
72) Anthracene	17.04	178	607592	4.576	ng/ul	99
77) Fluoranthene	19.06	202	1060960	7.761	ng/ul	97
80) Pyrene	19.43	202	448301	2.918	ng/ul	98
83) Benzo(a)anthracene	21.18	228	385824	2.652	ng/ul	97
85) Chrysene	21.23	228	632676	4.713	ng/ul	99
88) Benzo(b)fluoranthene	22.73	252	349710	1.993	ng/ul#	94
89) Benzo(k)fluoranthene	22.73	252	349710	2.122	ng/ul#	95

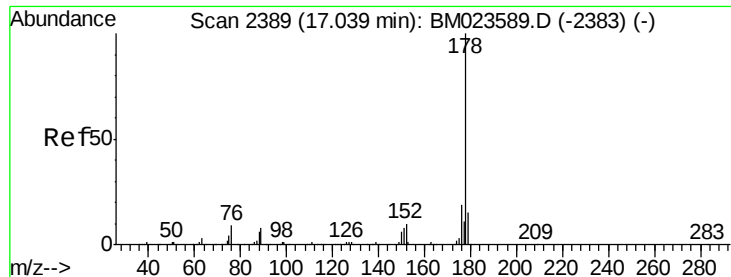
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 4.632 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

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Instrument :

BNA_M

ClientSampleId :

BFB93

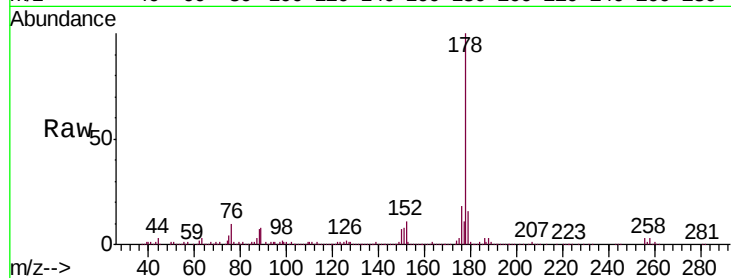
Tgt Ion:178 Resp: 607093

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

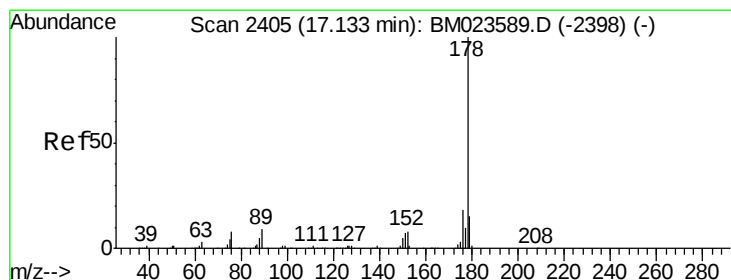
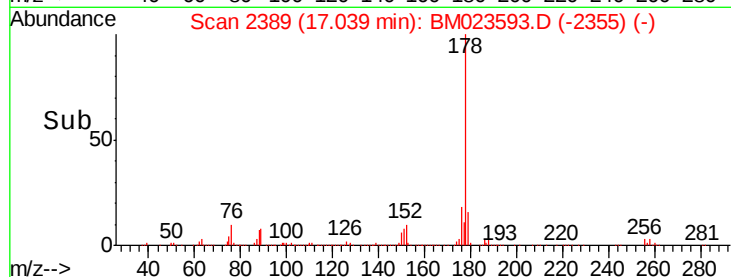
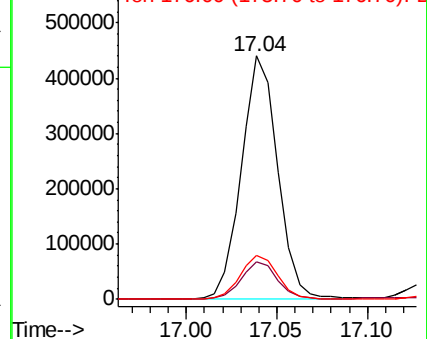
176 18.2 14.9 22.3



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



#72

Anthracene

Concen: 4.576 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.09 min

Lab File: BM023593.D

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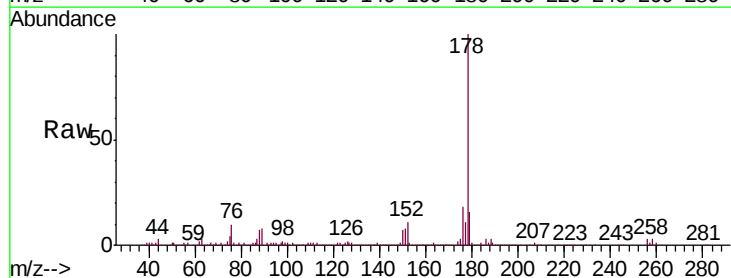
Tgt Ion:178 Resp: 607592

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

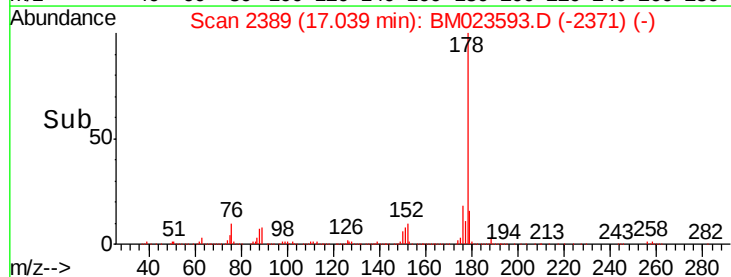
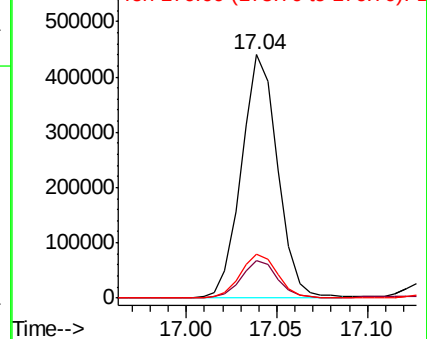
176 18.2 14.4 21.6

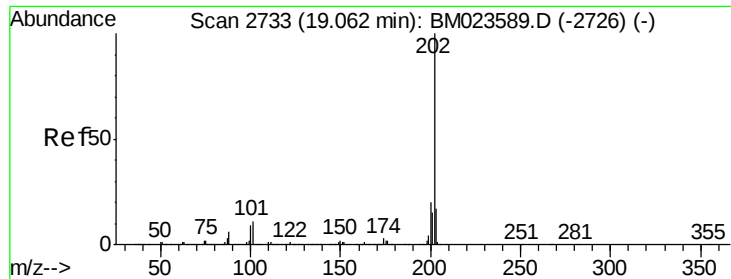


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

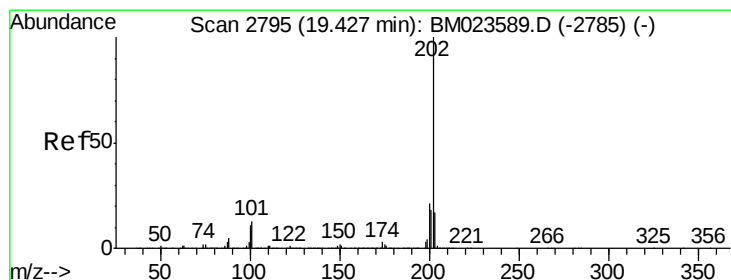
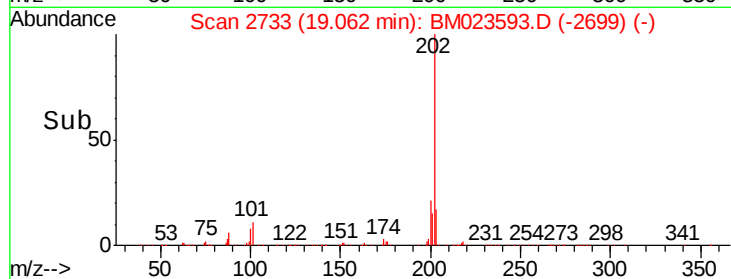
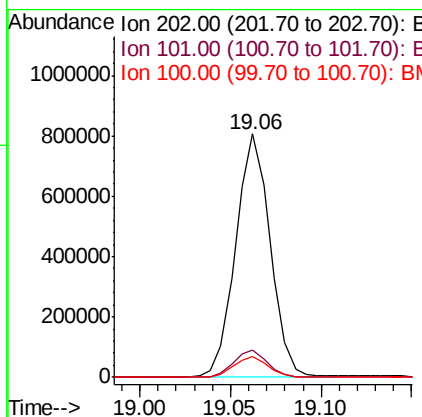
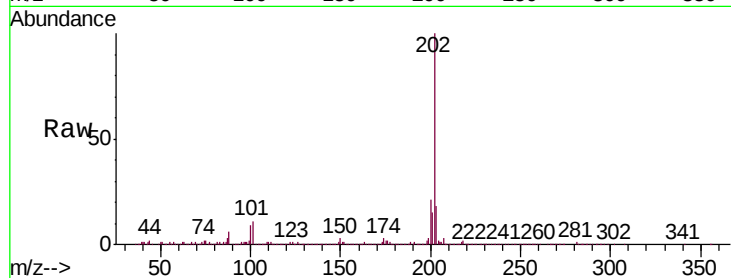




#77
 Fluoranthene
 Concen: 7.761 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BM023593.D
 Acq: 04 Nov 2019 23:33

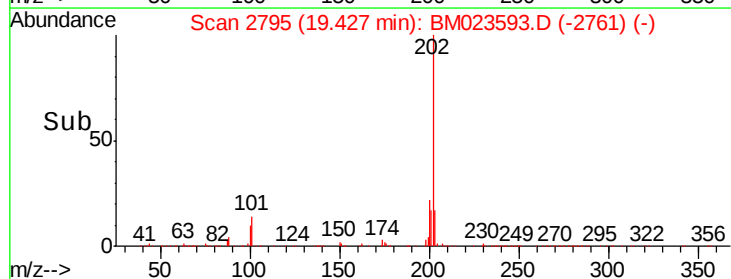
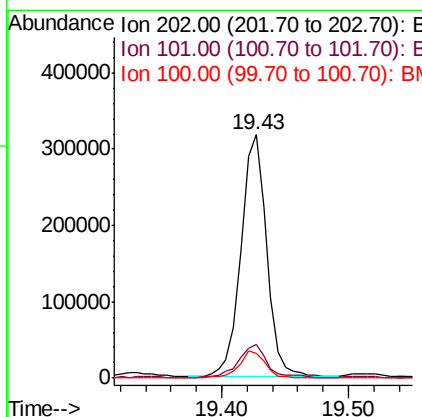
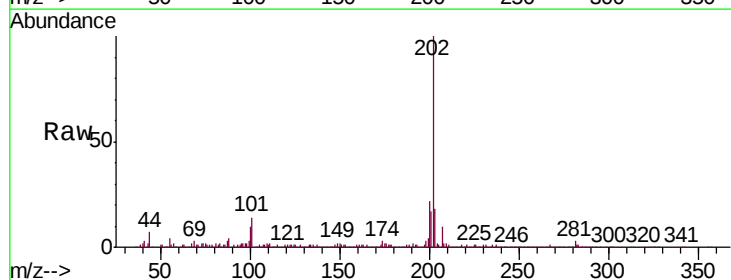
Instrument :
 BNA_M
 ClientSampleId :
 BFB93

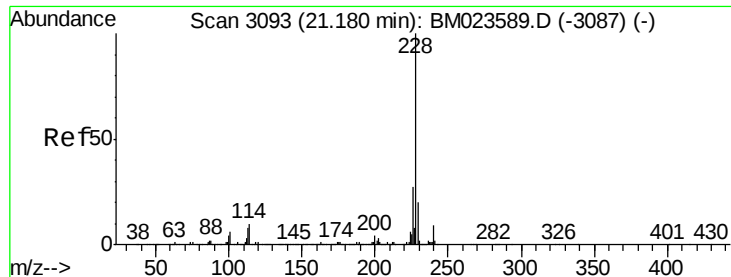
Tgt Ion:202 Resp: 1060960
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.1 12.1
 100 8.5 6.2 9.2



#80
 Pyrene
 Concen: 2.918 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.00 min
 Lab File: BM023593.D
 Acq: 04 Nov 2019 23:33

Tgt Ion:202 Resp: 448301
 Ion Ratio Lower Upper
 202 100
 101 13.9 10.0 15.0
 100 10.2 8.3 12.5

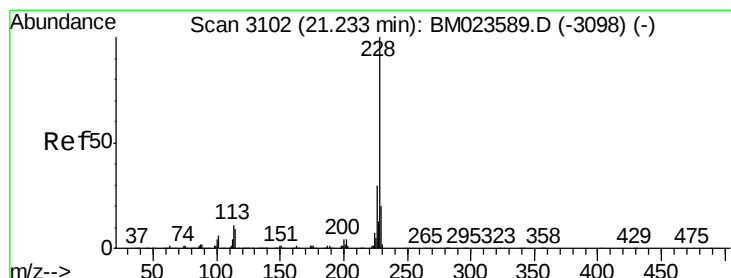
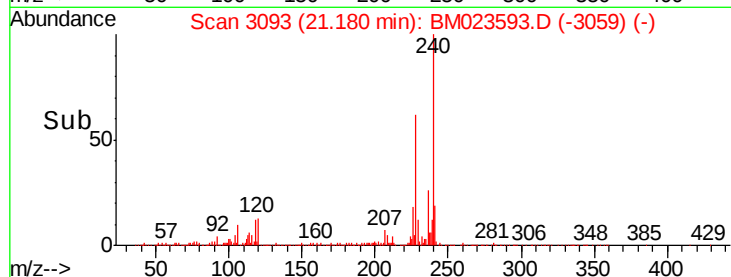
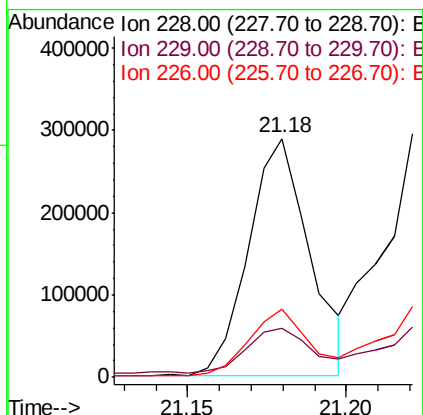
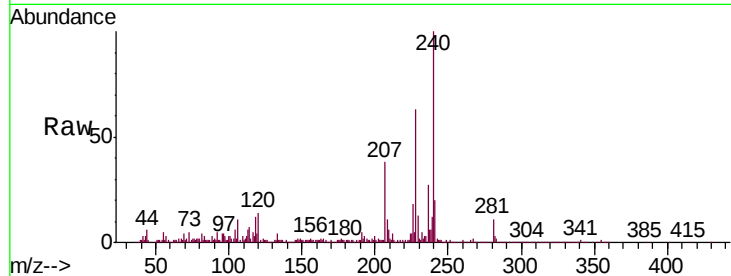




#83
Benzo(a)anthracene
Concen: 2.652 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM023593.D
Acq: 04 Nov 2019 23:33

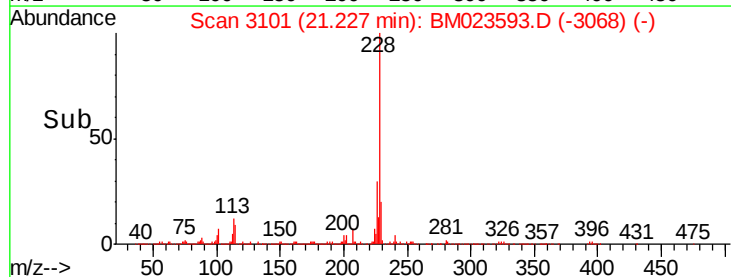
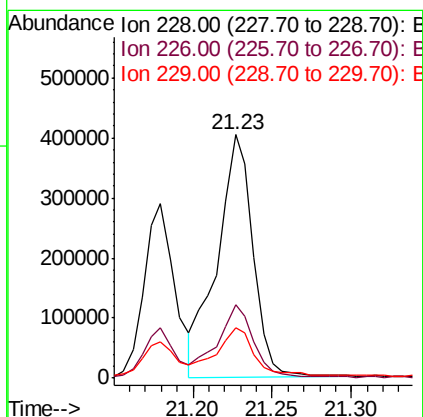
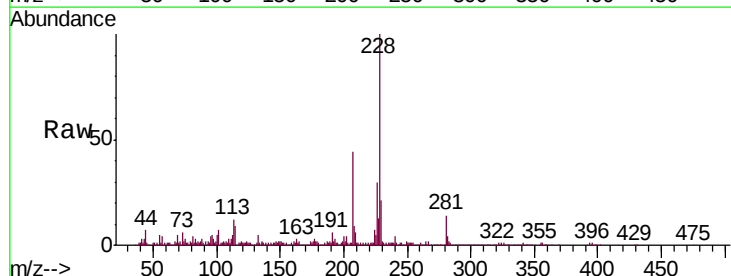
Instrument :
BNA_M
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BFB93

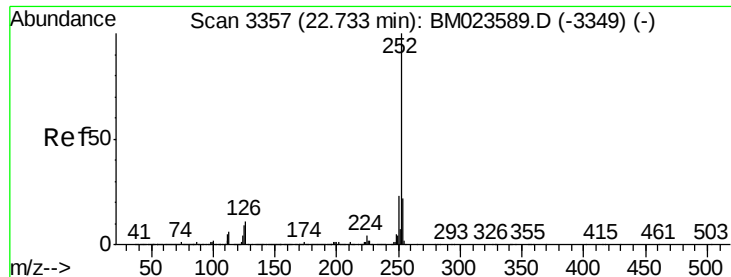
Tgt Ion:228 Resp: 385824
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 28.8 21.6 32.4



#85
Chrysene
Concen: 4.713 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM023593.D
Acq: 04 Nov 2019 23:33

Tgt Ion:228 Resp: 632676
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 20.6 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 1.993 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM023593.D

Acq: 04 Nov 2019 23:33

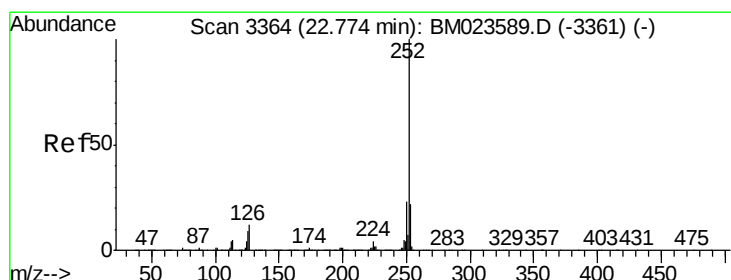
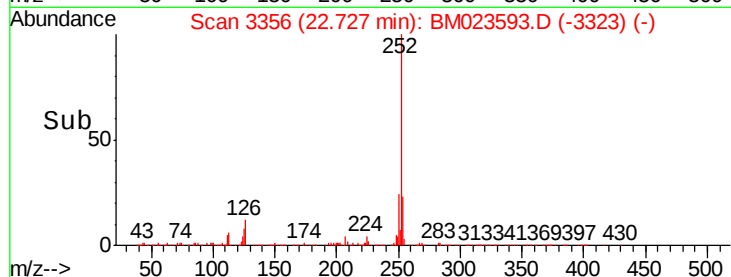
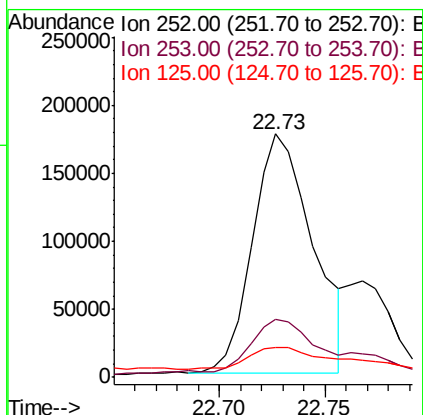
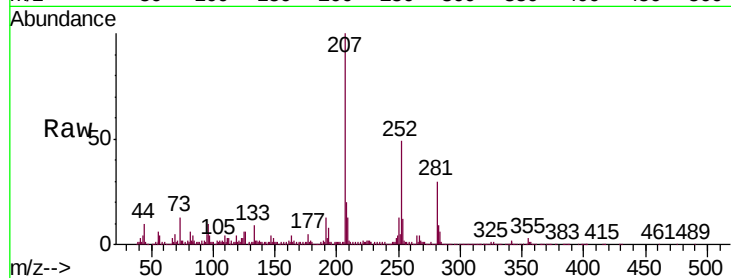
Instrument :

BNA_M

ClientSampleId :

BFB93

Tgt Ion:	252	Resp:	349710
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.5	26.3
125	12.0	7.1	10.7#



#89

Benzo(k)fluoranthene

Concen: 2.122 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM023593.D

Acq: 04 Nov 2019 23:33

Tgt Ion:	252	Resp:	349710
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.6
125	12.0	6.8	10.2#

