

Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB96

Quant Time: Nov 05 03:30:53 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	583460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2268700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1257555	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2373186	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2062847	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	2637505	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	405	0.03	ng/uL	-0.01
5) Phenol-d5	6.62	99	1174	0.02	ng/ul	-0.16
7) Bis-(2-Chloroethyl)ether-d	6.93	67	976	0.03	ng/ul	-0.01
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.29	113	654	0.02	ng/ul	-0.03
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	10.50	131	1959	0.05	ng/ul	-0.02
44) Dimethylphthalate-d6	13.65	166	515	0.01	ng/ul	-0.02
47) Acenaphthylene-d8	13.95	160	438	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	50	0.00	ng/ul	0.00
58) Fluorene-d10	15.25	176	578	0.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	131	0.01	ng/ul	0.00
71) Anthracene-d10	17.00	188	2373186	21.16	ng/ul	-0.10
79) Pyrene-d10	19.40	212	3063	0.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2596524	19.33	ng/ul	0.14

Target Compounds

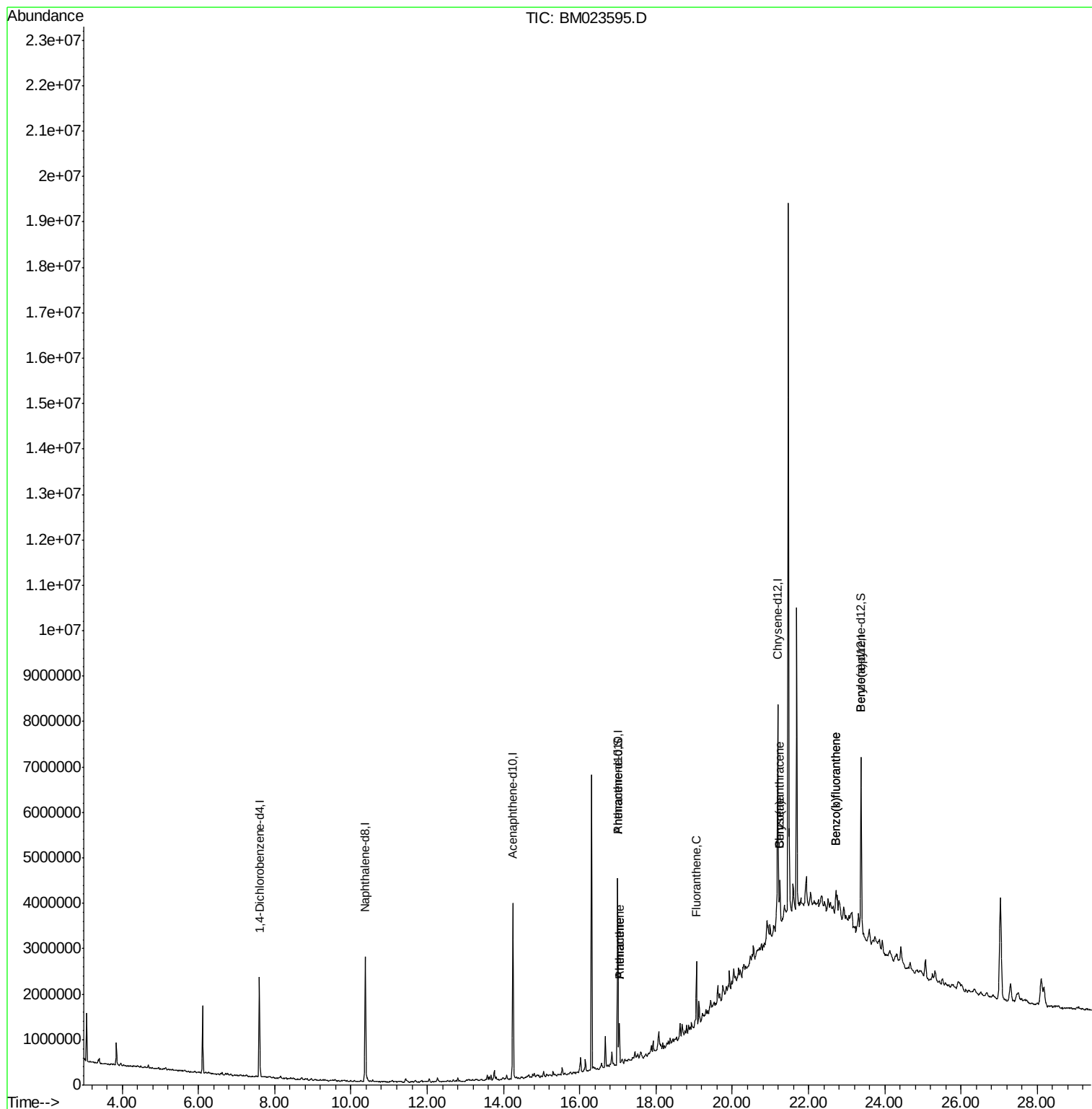
					Qvalue	
70) Phenanthrene	17.04	178	503755	3.798	ng/ul	97
72) Anthracene	17.04	178	505343	3.761	ng/ul	96
77) Fluoranthene	19.06	202	813495	5.881	ng/ul	96
83) Benzo(a)anthracene	21.23	228	357311	2.590	ng/ul	94
85) Chrysene	21.23	228	357311	2.807	ng/ul	97
88) Benzo(b)fluoranthene	22.73	252	203481	1.201	ng/ul#	68
89) Benzo(k)fluoranthene	22.73	252	203481	1.279	ng/ul#	69

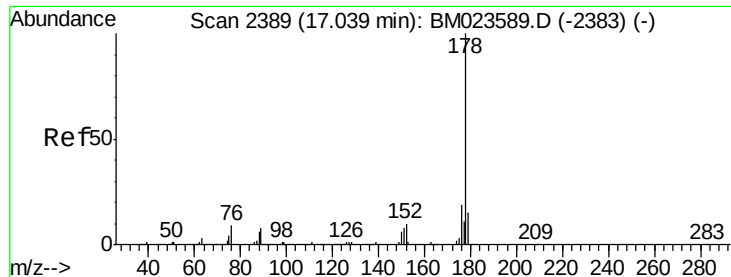
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 3.798 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

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Acq: 05 Nov 2019 00:45

Instrument :

BNA_M

ClientSampleId :

BFB96

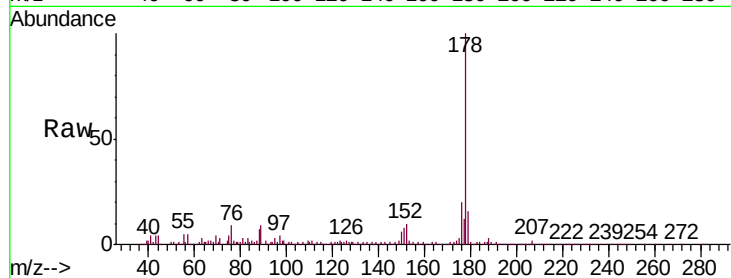
Tgt Ion:178 Resp: 503755

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.2

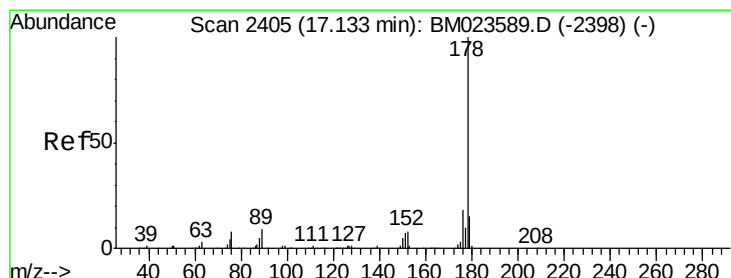
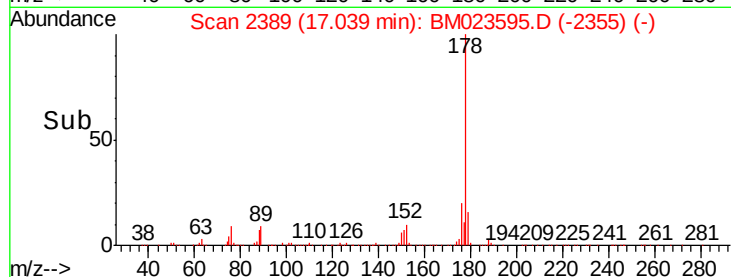
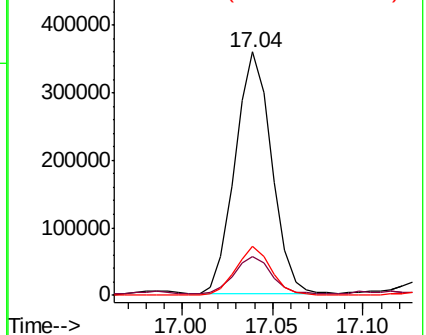
176 20.0 14.9 22.3



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: 3.761 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.09 min

Lab File: BM023595.D

Acq: 05 Nov 2019 00:45

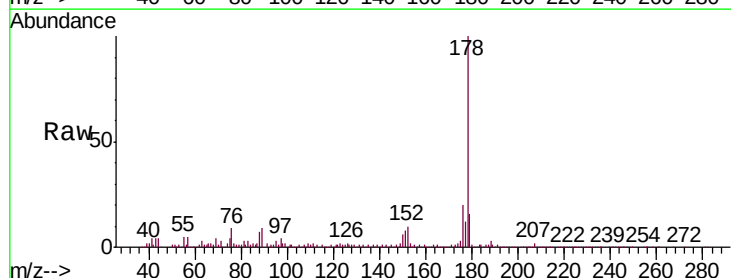
Tgt Ion:178 Resp: 505343

Ion Ratio Lower Upper

178 100

179 16.2 12.1 18.1

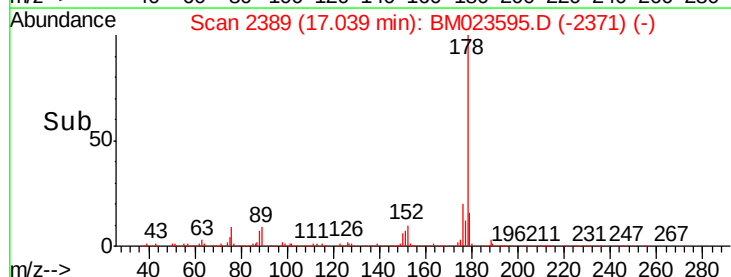
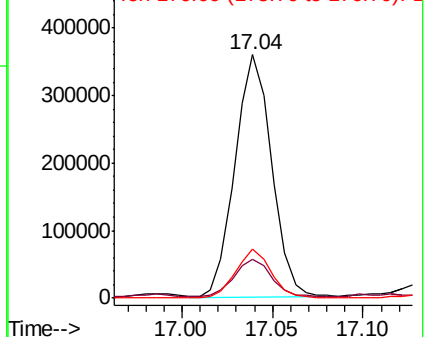
176 20.0 14.4 21.6

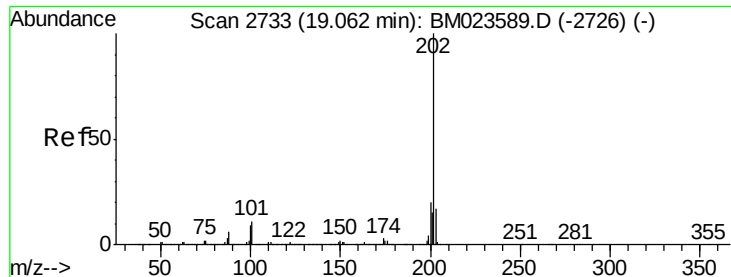


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

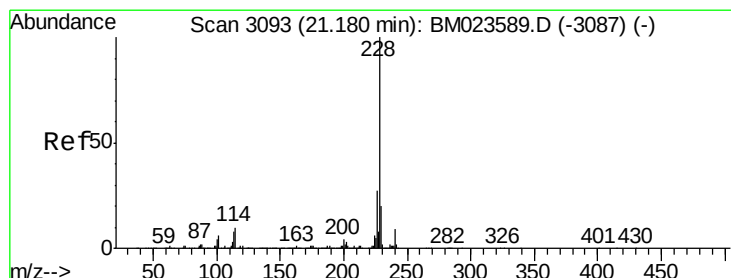
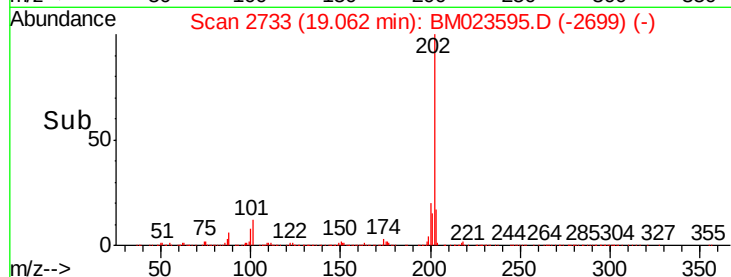
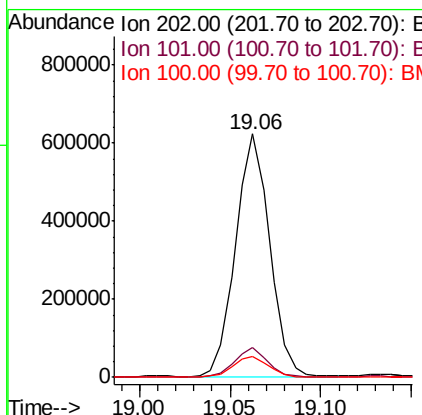
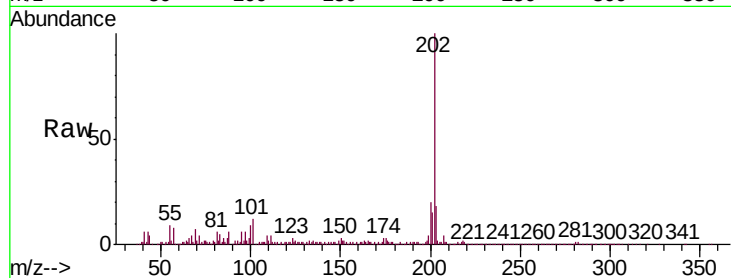




#77
 Fluoranthene
 Concen: 5.881 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BM023595.D
 Acq: 05 Nov 2019 00:45

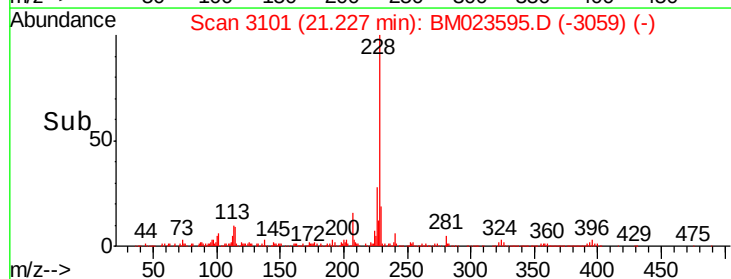
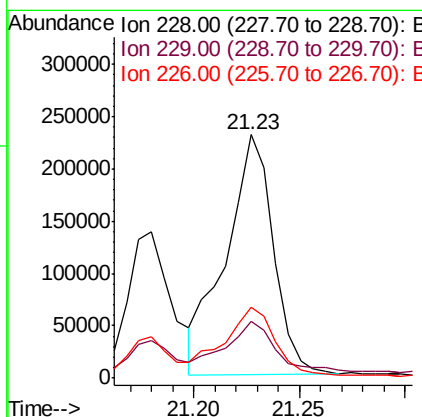
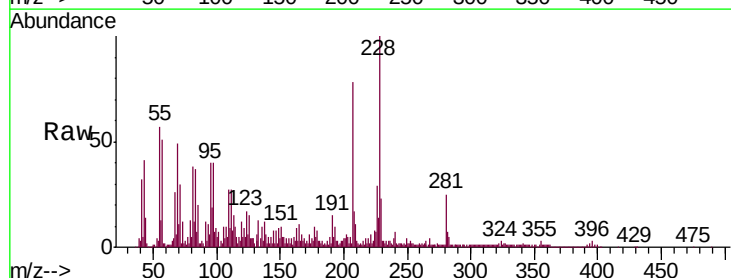
Instrument :
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 BFB96

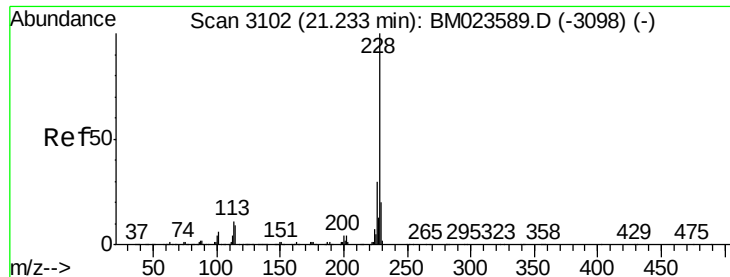
Tgt Ion:	202	Resp:	813495
Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.1	12.1
100	8.7	6.2	9.2



#83
 Benzo(a)anthracene
 Concen: 2.590 ng/ul
 RT: 21.23 min Scan# 3101
 Delta R.T. 0.05 min
 Lab File: BM023595.D
 Acq: 05 Nov 2019 00:45

Tgt Ion:	228	Resp:	357311
Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.8	23.8
226	29.3	21.6	32.4

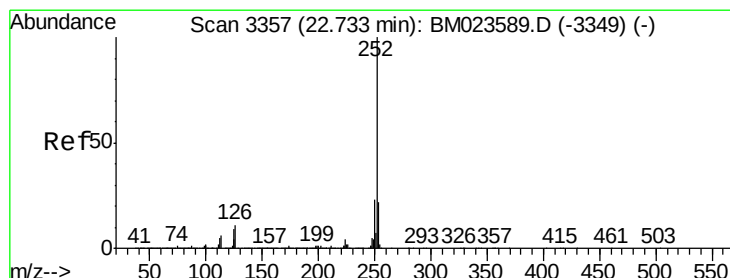
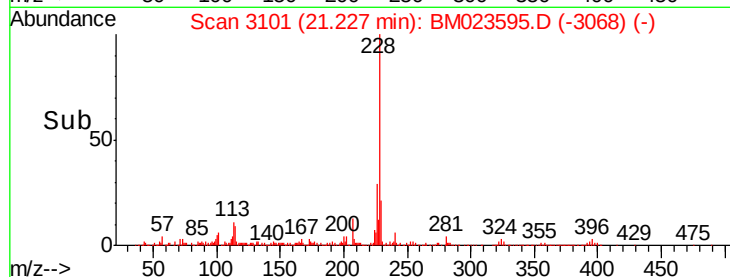
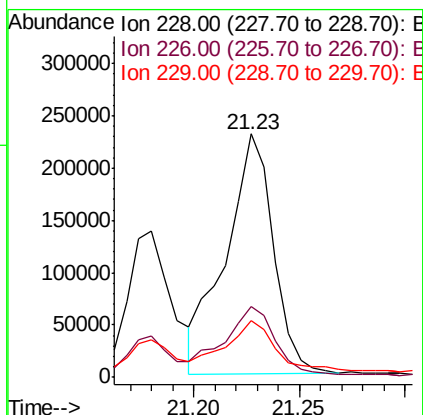
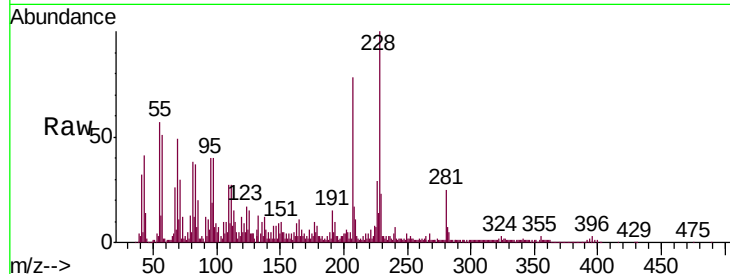




#85
Chrysene
Concen: 2.807 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM023595.D
Acq: 05 Nov 2019 00:45

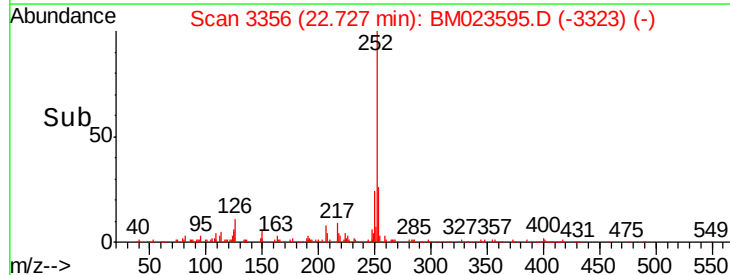
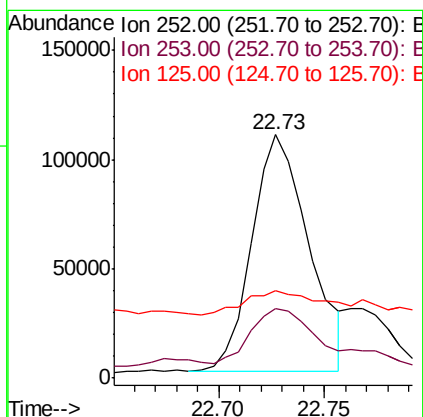
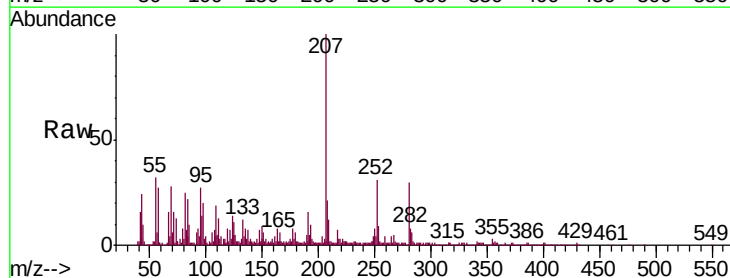
Instrument :
BNA_M
ClientSampleId :
BFB96

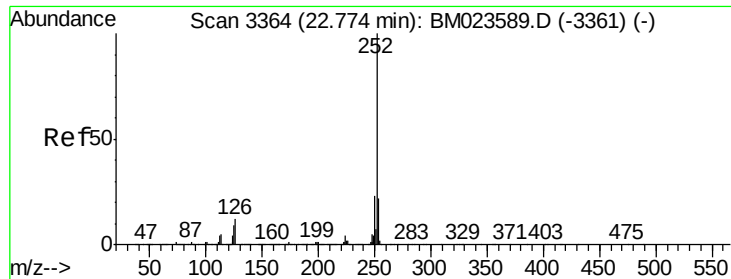
Tgt Ion: 228 Resp: 357311
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 23.1 16.0 24.0



#88
Benzo(b)fluoranthene
Concen: 1.201 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM023595.D
Acq: 05 Nov 2019 00:45

Tgt Ion: 252 Resp: 203481
Ion Ratio Lower Upper
252 100
253 28.7 17.5 26.3#
125 35.7 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 1.279 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM023595.D

Acq: 05 Nov 2019 00:45

Instrument :

BNA_M

ClientSampleId :

BFB96

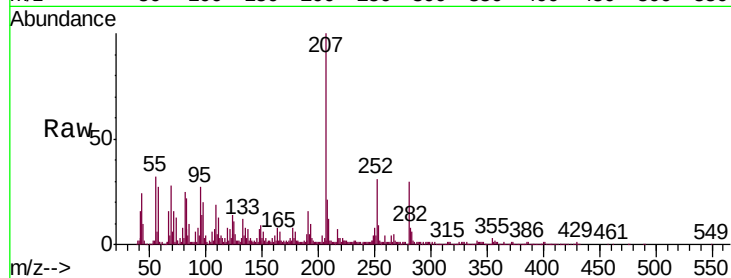
Tgt Ion: 252 Resp: 203481

Ion Ratio Lower Upper

252 100

253 28.7 17.8 26.6#

125 35.7 6.8 10.2#



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

