Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\

Quantitation Report (LSC Reviewed)

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 03:47:24 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	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	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	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	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	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						Qvalue
70) Phenanthrene	17.04	178	607093	4.632	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

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

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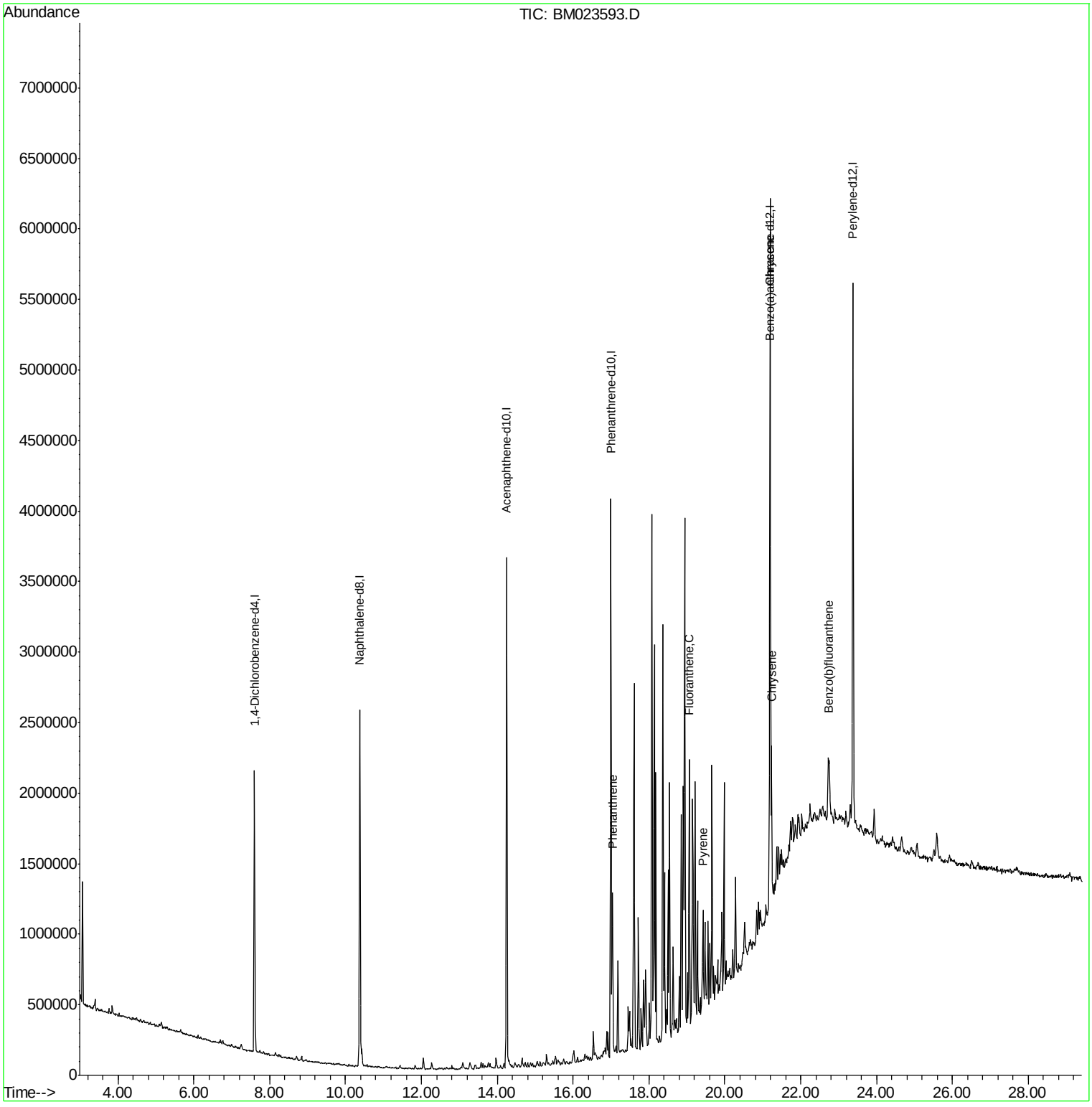
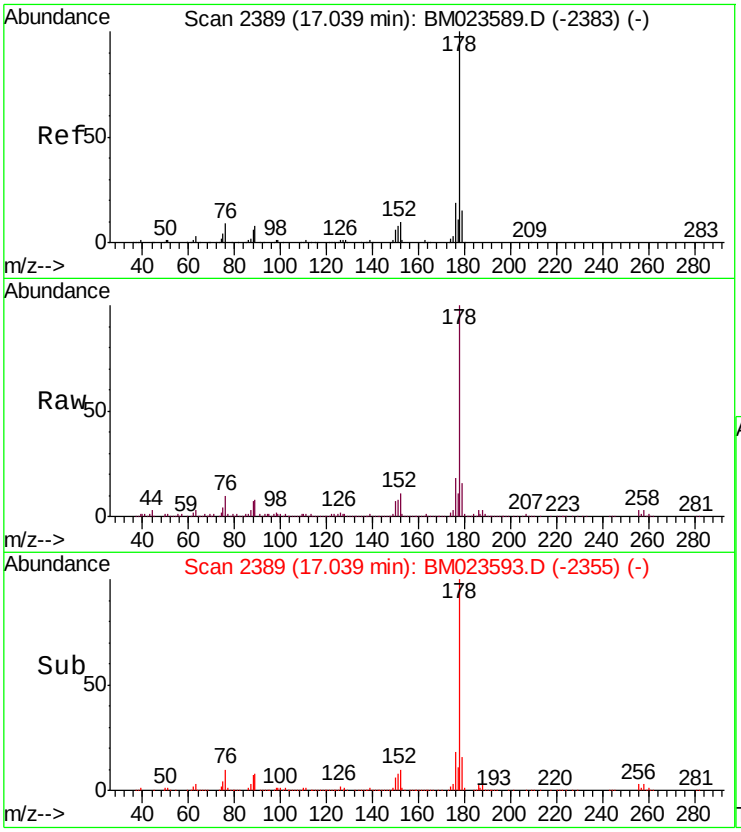


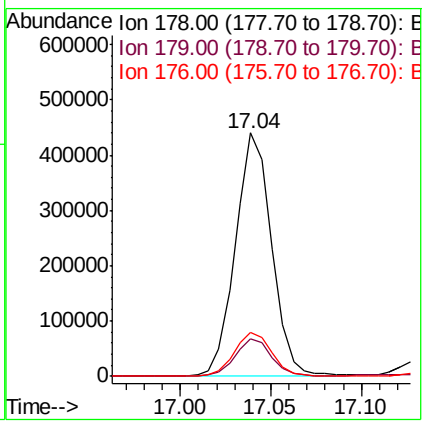


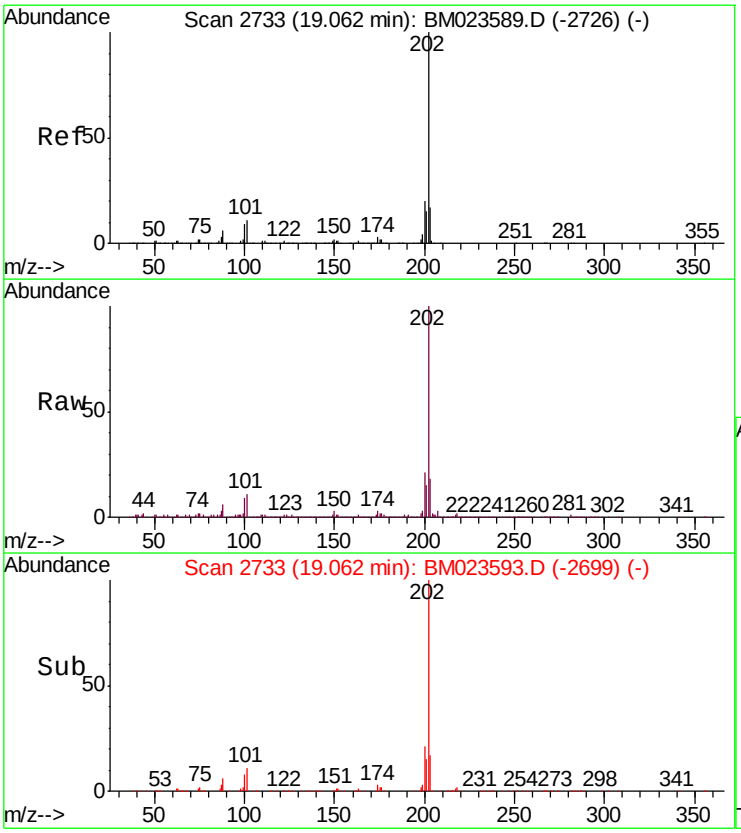
#70
Phenanthrene
Concen: 4.632 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM023593.D
Acq: 04 Nov 2019 23:33

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

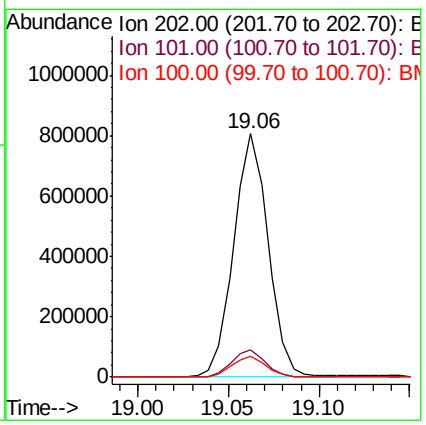


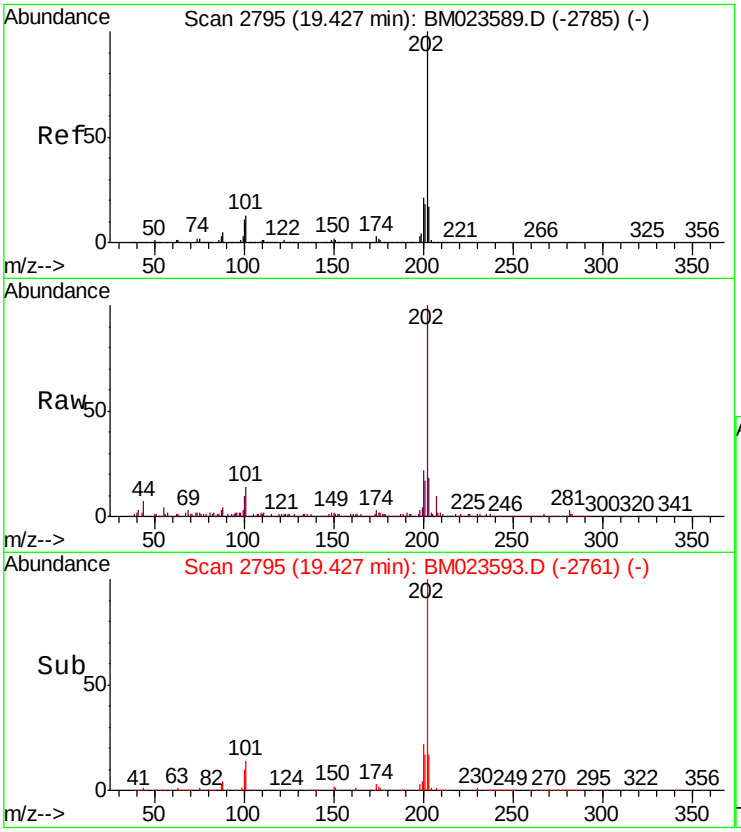


#77
Fluoranthene
Concen: 7.761 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BM023593.D
Acq: 04 Nov 2019 23:33

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



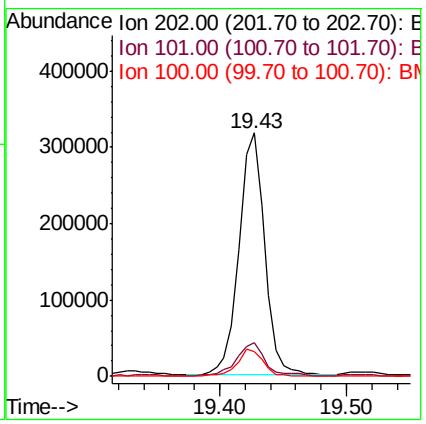


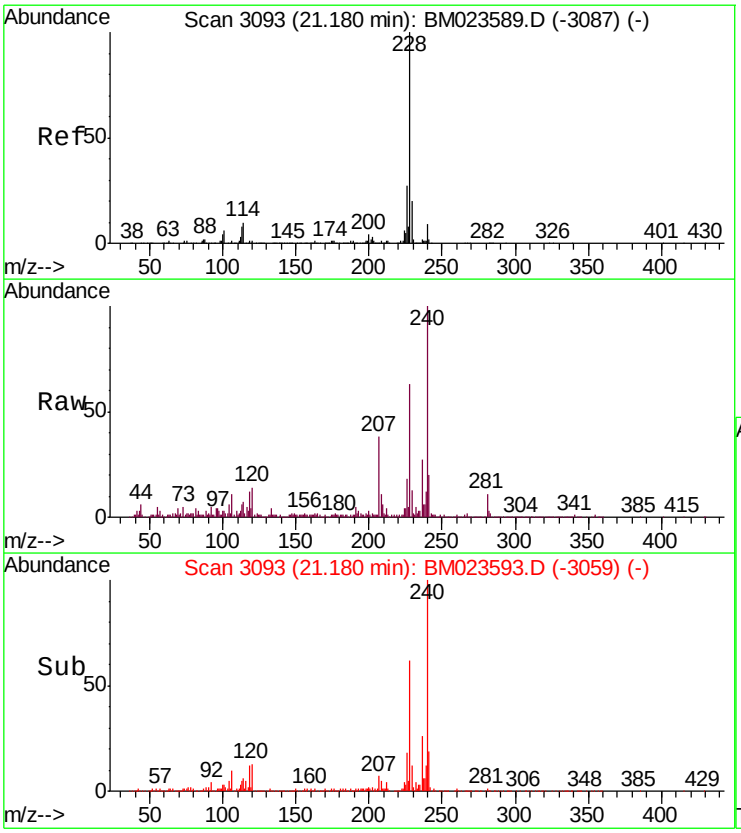
#80
Pyrene
Concen: 2.918 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BM023593.D
Acq: 04 Nov 2019 23:33

Instrument :
BNA_M
ClientSampleId :
BFB93

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

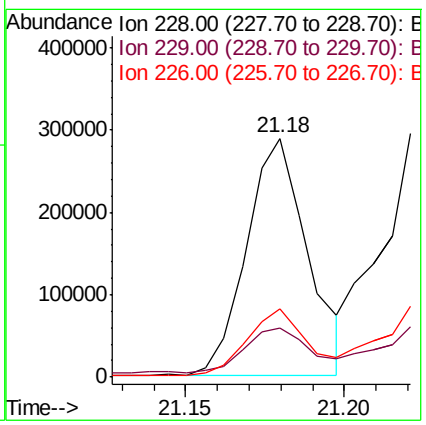


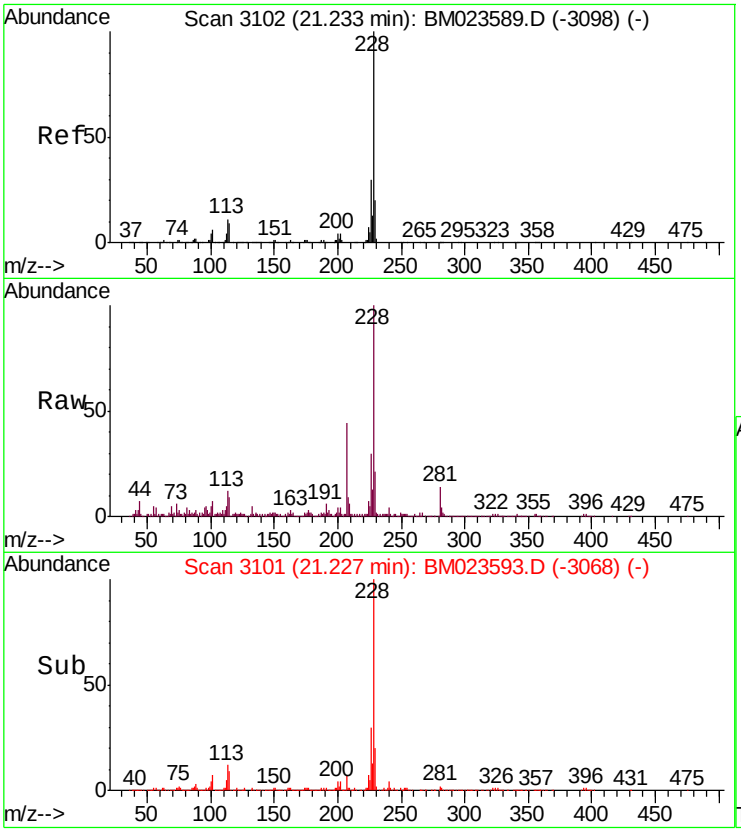


#83
Benzo(a)anthracene
Concen: 2.652 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM023593.D
Acq: 04 Nov 2019 23:33

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



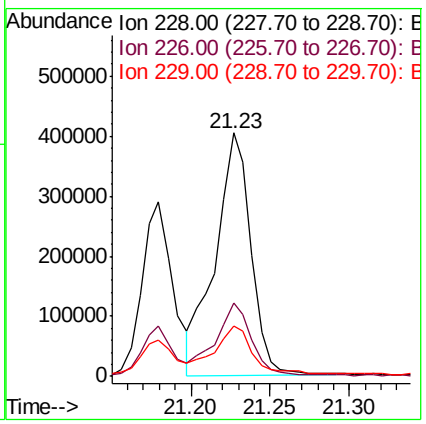


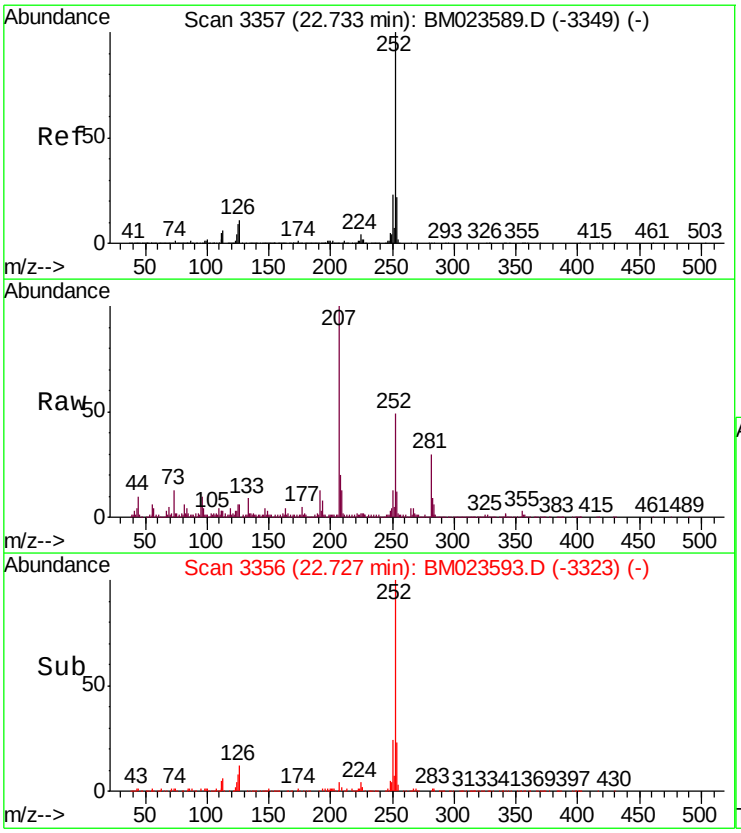
#85
Chrysene
Concen: 4.713 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM023593.D
Acq: 04 Nov 2019 23:33

Instrument :
BNA_M
ClientSampleId :
BFB93

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

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#