Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023396.D
Acq On : 25 Oct 2019 05:25
Operator : JU
Sample : K5403-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB97

Quant Time: Oct 25 12:13:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	618031	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2382625	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1280179	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2049199	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1766303	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2318122	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	0d	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	0d	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	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	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	0d	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	17.07	178	756170	6.603	ng/ul	99
77) Fluoranthene	19.10	202	1197820	10.028	ng/ul	100
80) Pyrene	19.46	202	303546	2.434	ng/ul	98
83) Benzo(a)anthracene	21.21	228	357564	3.027	ng/ul	97
85) Chrysene	21.26	228	518984	4.761	ng/ul	99
88) Benzo(b)fluoranthene	22.77	252	464258	3.118	ng/ul#	83

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

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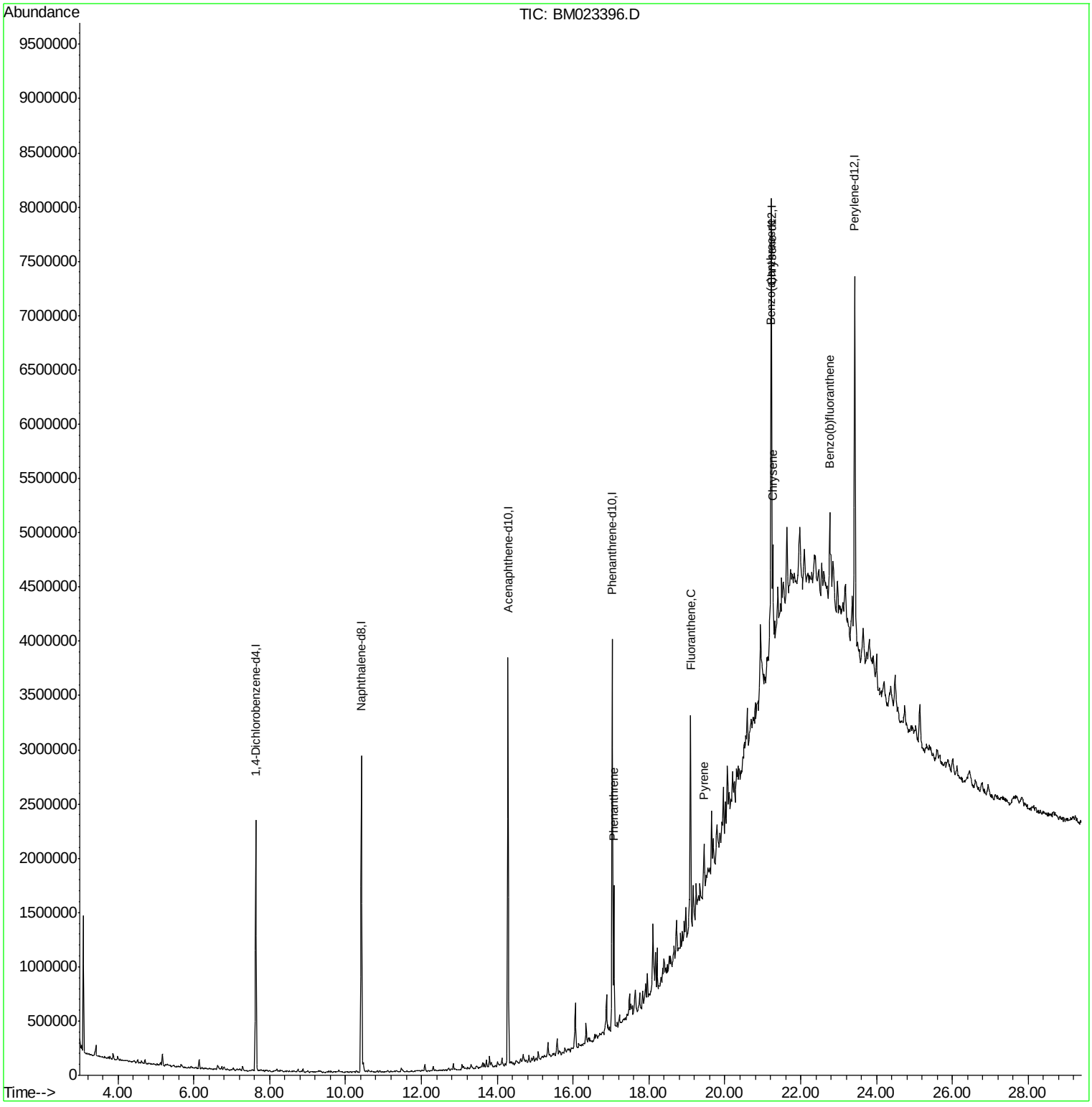
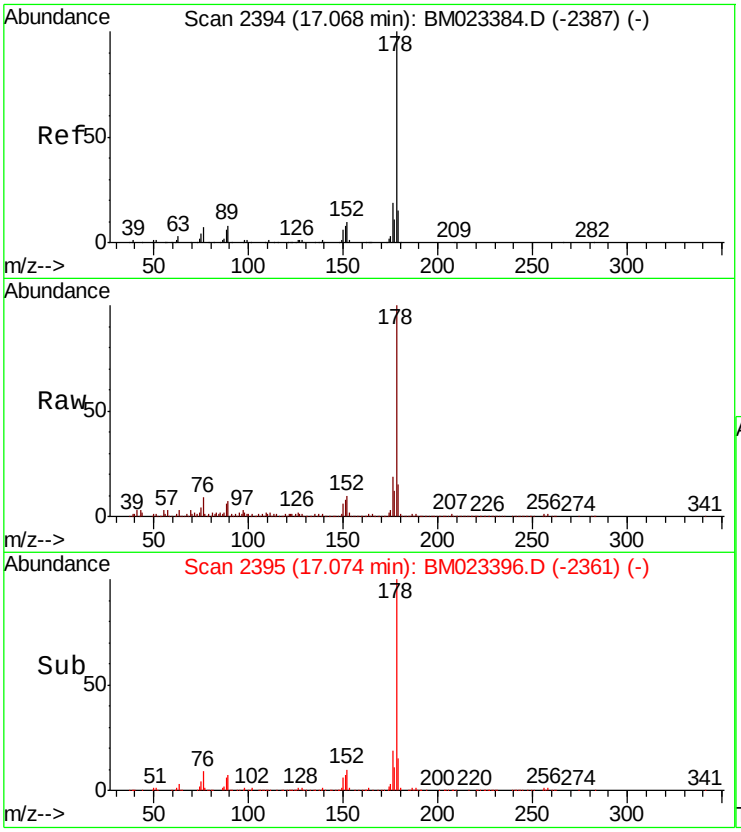


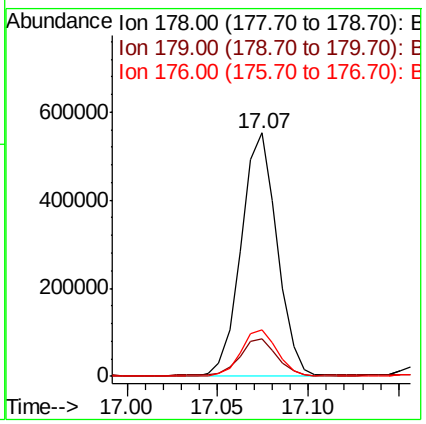


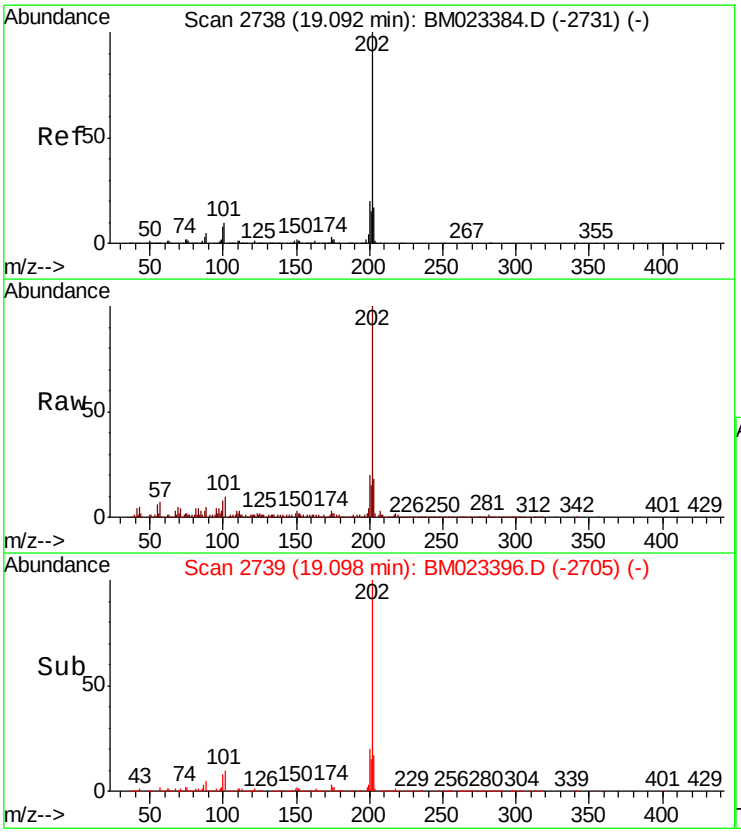
#70
Phenanthrene
Concen: 6.603 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM023396.D
Acq: 25 Oct 2019 05:25

Instrument :
BNA_M
ClientSampleId :
BFB97

Tgt Ion:178 Resp: 756170

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.2	14.9	22.3

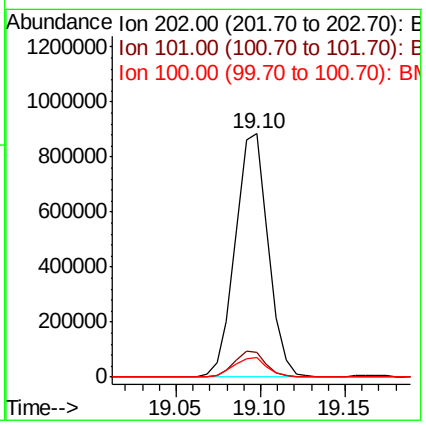


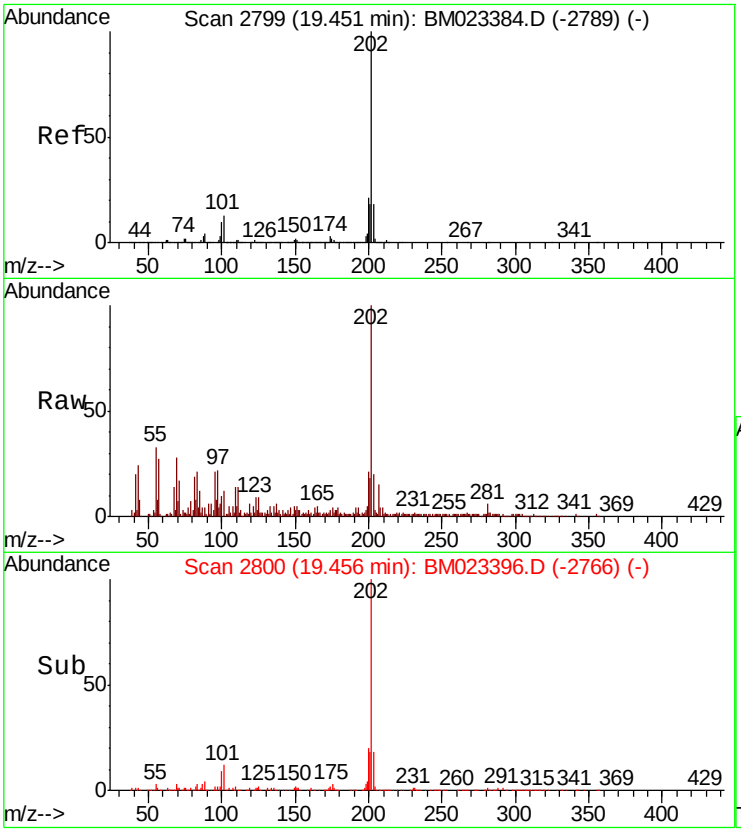


#77
Fluoranthene
Concen: 10.028 ng/ul
RT: 19.10 min Scan# 2739
Delta R.T. -0.00 min
Lab File: BM023396.D
Acq: 25 Oct 2019 05:25

Tgt Ion:202 Resp: 1197820

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.1	12.1
100	7.9	6.2	9.2



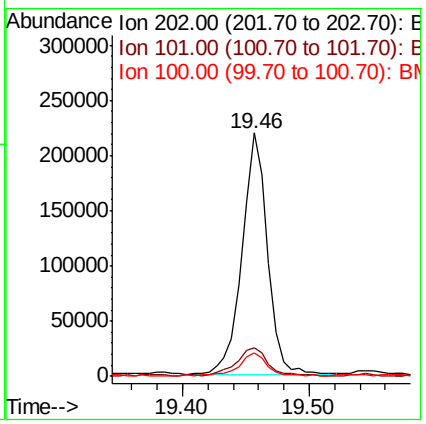


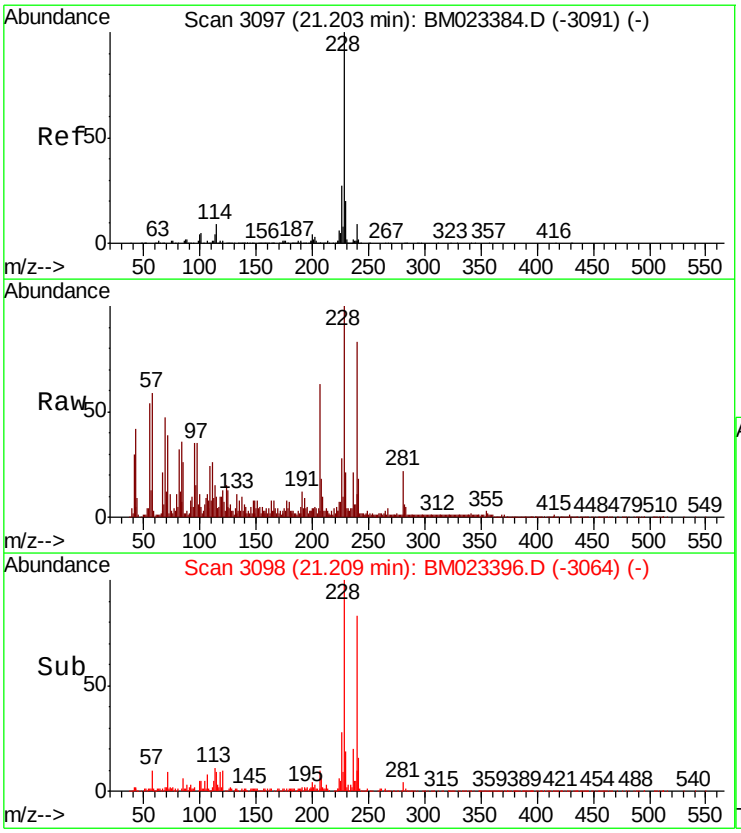
#80
Pyrene
Concen: 2.434 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM023396.D
Acq: 25 Oct 2019 05:25

Instrument :
BNA_M
ClientSampleId :
BFB97

Tgt Ion:202 Resp: 303546

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.0	15.0
100	9.7	8.3	12.5

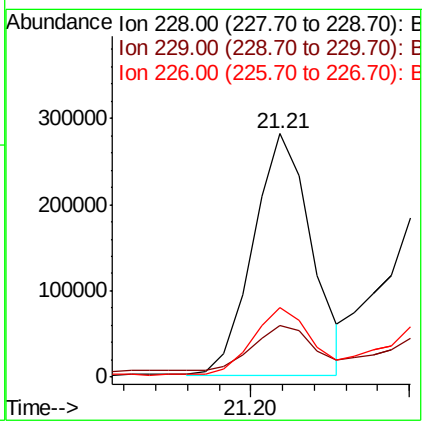


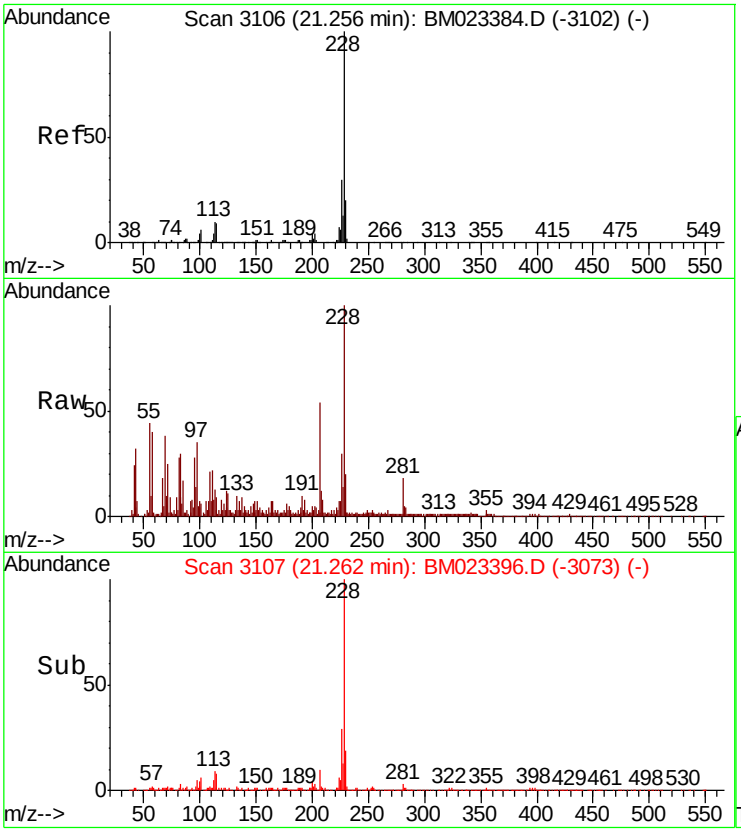


#83
Benzo(a)anthracene
Concen: 3.027 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM023396.D
Acq: 25 Oct 2019 05:25

Tgt Ion:228 Resp: 357564

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.8
226	28.5	21.6	32.4



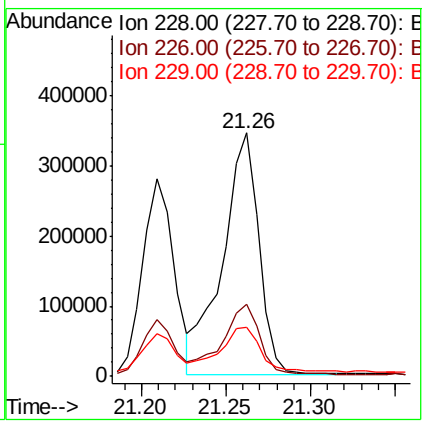


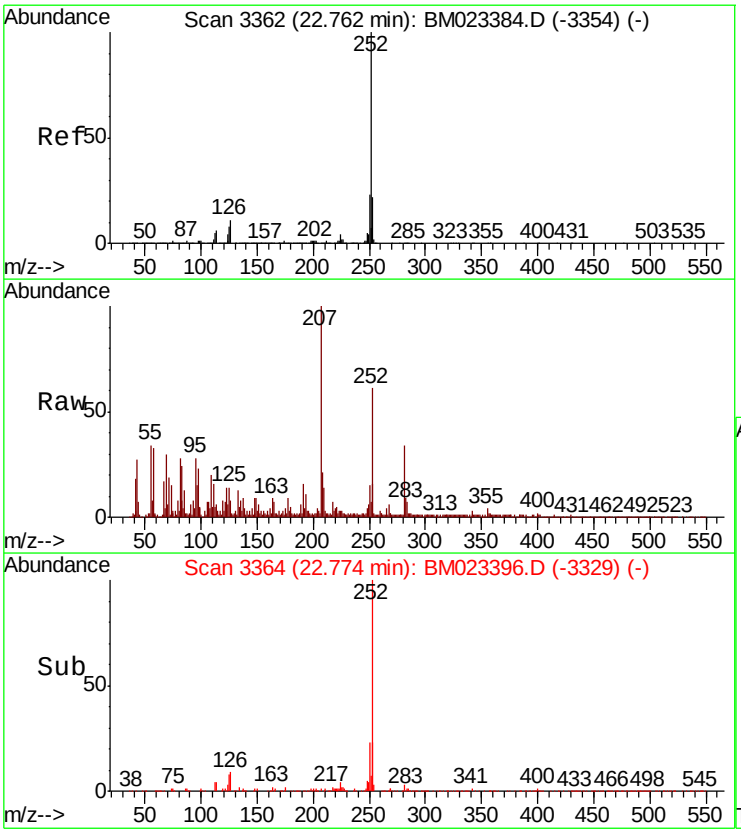
#85
Chrysene
Concen: 4.761 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM023396.D
Acq: 25 Oct 2019 05:25

Instrument :
BNA_M
ClientSampleId :
BFB97

Tgt Ion:228 Resp: 518984

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	20.3	16.0	24.0





#88
Benzo(b)fluoranthene
Concen: 3.118 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM023396.D
Acq: 25 Oct 2019 05:25

Tgt Ion:252 Resp: 464258

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	23.6	7.1	10.7#