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

Quantitation Report (Not Reviewed)

Data File : BM023596.D
Acq On : 05 Nov 2019 01:20
Operator : JU
Sample : K5403-08
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB97

Quant Time: Nov 05 03:31:02 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	685709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	2664698	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1447074	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2492451	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1943150	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	2445146	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	357	0.02	ng/uL	-0.01
5) Phenol-d5	6.62	99	437	0.01	ng/ul	-0.17
7) Bis-(2-Chloroethyl)ether-d	6.95	67	1151	0.03	ng/ul	0.00
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	10.50	131	1598	0.03	ng/ul	-0.01
44) Dimethylphthalate-d6	13.59	166	246	0.00	ng/ul	-0.08
47) Acenaphthylene-d8	13.95	160	262	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	281	0.01	ng/ul	0.00
58) Fluorene-d10	15.23	176	419	0.00	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.38	200	129	0.01	ng/ul	0.00
71) Anthracene-d10	17.10	188	16599	0.14	ng/ul	0.00
79) Pyrene-d10	19.40	212	4222	0.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2412715	19.37	ng/ul	0.14
Target Compounds						Qvalue
70) Phenanthrene	17.04	178	787177	5.651	ng/ul	99
72) Anthracene	17.04	178	787589	5.581	ng/ul	98
77) Fluoranthene	19.06	202	1239384	8.530	ng/ul	99
80) Pyrene	19.43	202	306627	2.235	ng/ul	99
83) Benzo(a)anthracene	21.18	228	344122	2.648	ng/ul	98
85) Chrysene	21.23	228	499804	4.168	ng/ul	99
88) Benzo(b)fluoranthene	22.73	252	399878	2.546	ng/ul#	82
89) Benzo(k)fluoranthene	22.73	252	399878	2.712	ng/ul#	83

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

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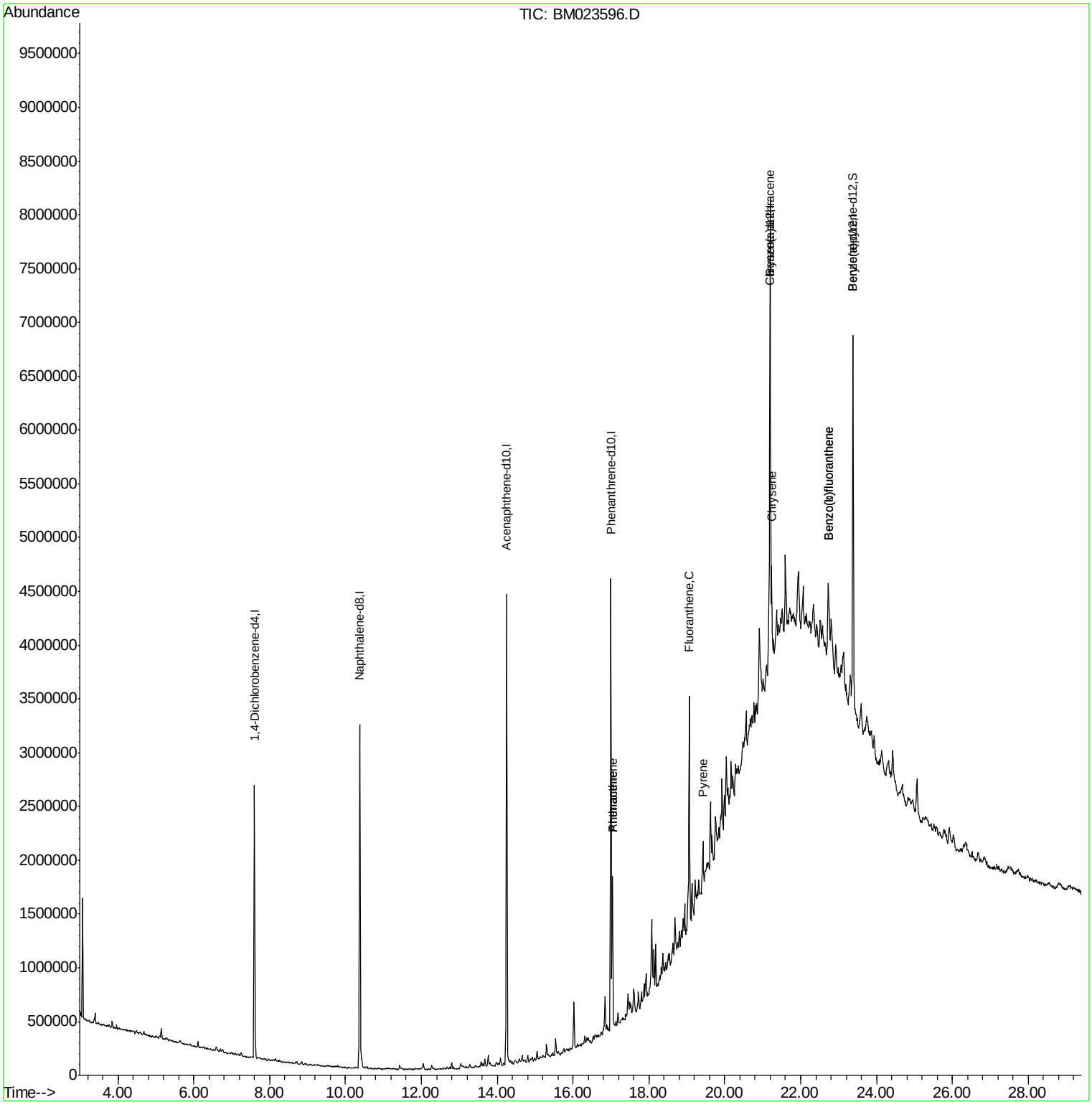
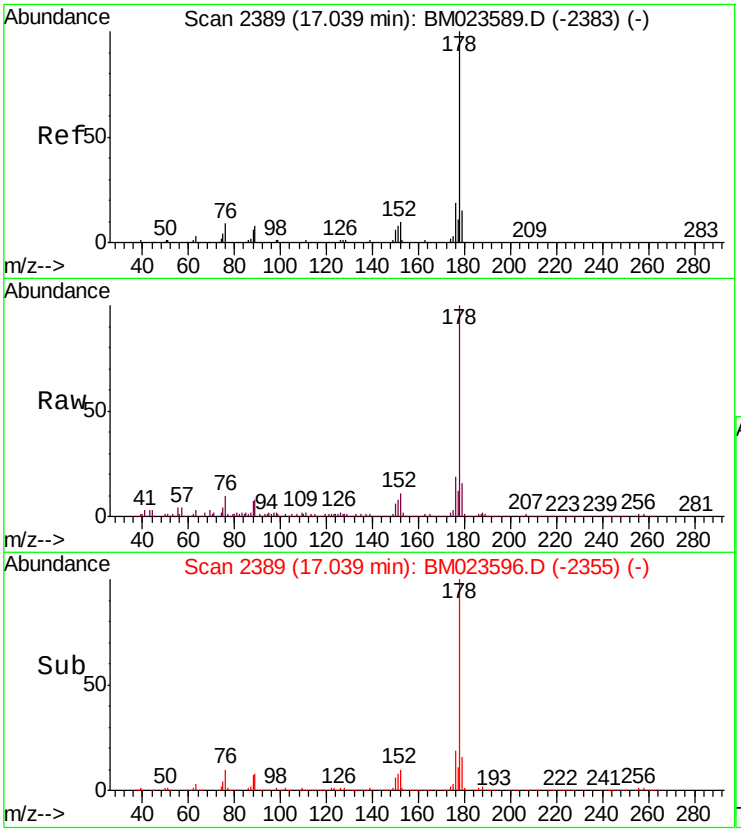


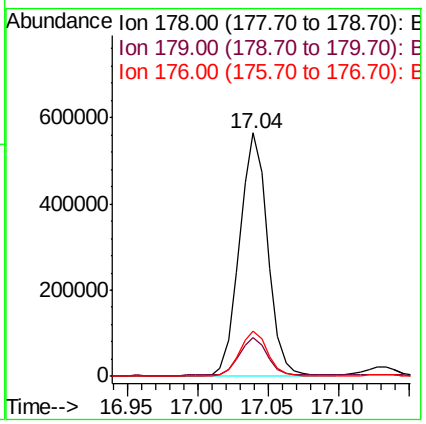


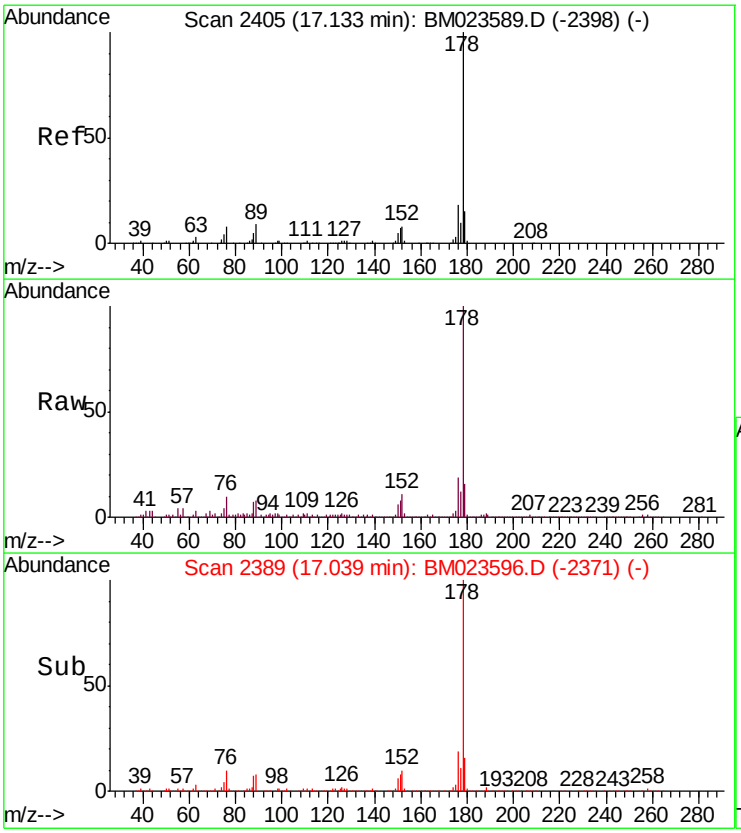
#70
Phenanthrene
Concen: 5.651 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM023596.D
Acq: 05 Nov 2019 01:20

Instrument :
BNA_M
ClientSampleId :
BFB97

Tgt Ion:178 Resp: 787177

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	18.6	14.9	22.3

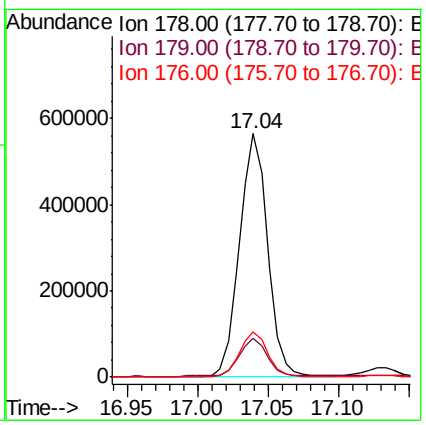


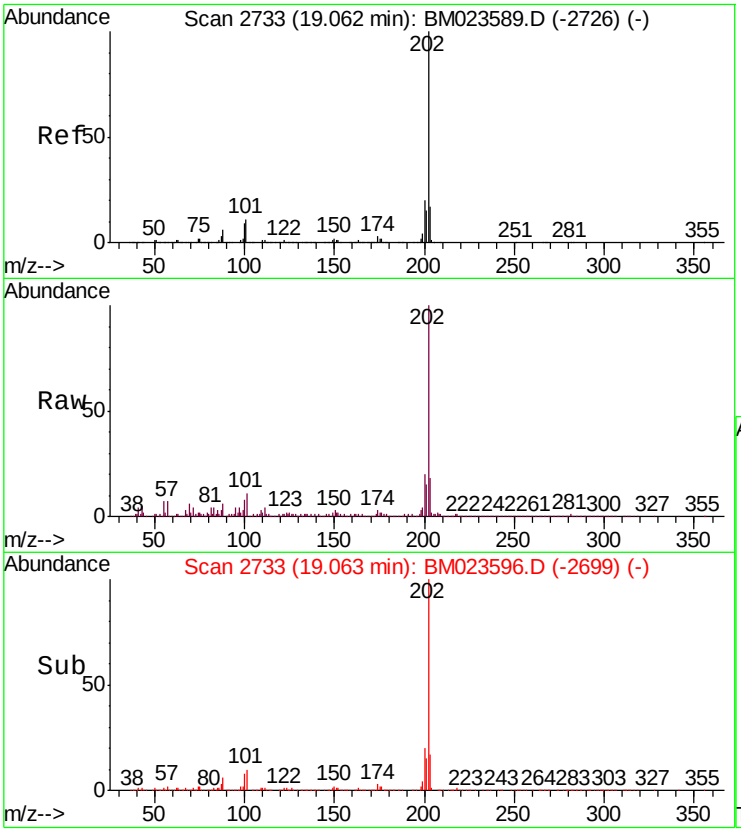


#72
Anthracene
Concen: 5.581 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.09 min
Lab File: BM023596.D
Acq: 05 Nov 2019 01:20

Tgt Ion:178 Resp: 787589

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.1	18.1
176	18.6	14.4	21.6



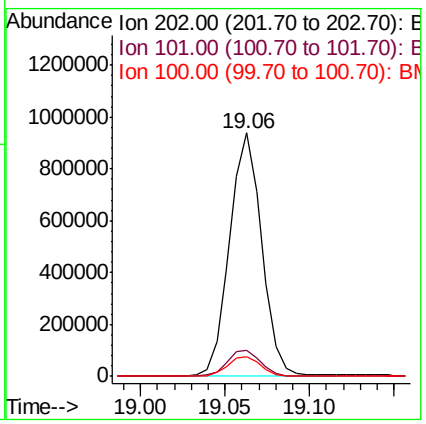


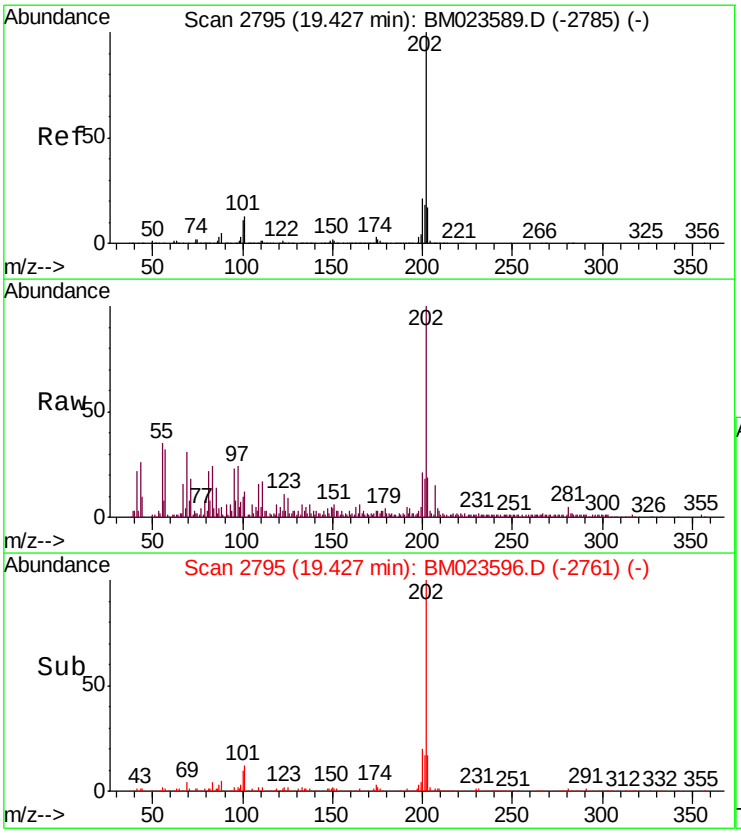
#77
Fluoranthene
Concen: 8.530 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BM023596.D
Acq: 05 Nov 2019 01:20

Instrument :
BNA_M
ClientSampleId :
BFB97

Tgt Ion:202 Resp: 1239384

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.1	12.1
100	8.2	6.2	9.2

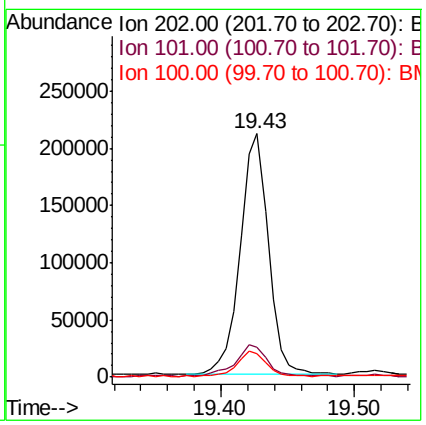


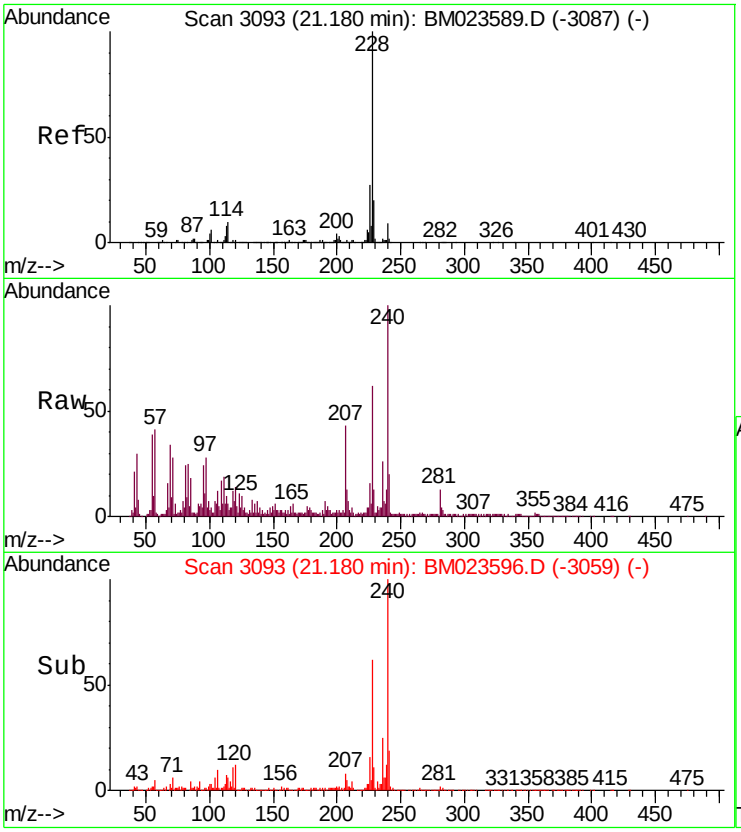


#80
Pyrene
Concen: 2.235 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM023596.D
Acq: 05 Nov 2019 01:20

Tgt Ion:202 Resp: 306627

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	9.8	8.3	12.5



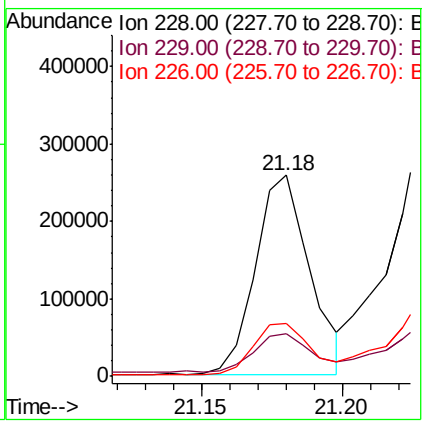


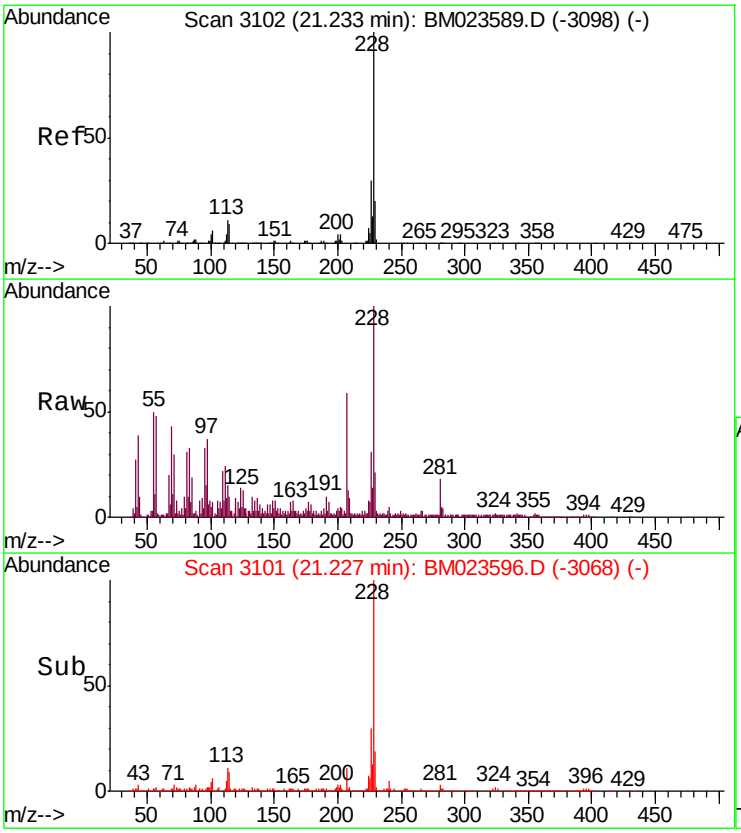
#83
Benzo(a)anthracene
Concen: 2.648 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM023596.D
Acq: 05 Nov 2019 01:20

Instrument :
BNA_M
ClientSampleId :
BFB97

Tgt Ion:228 Resp: 344122

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	26.5	21.6	32.4

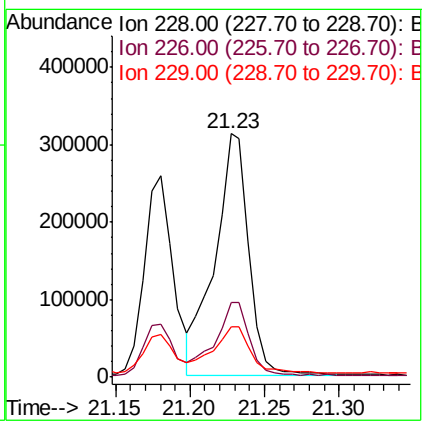


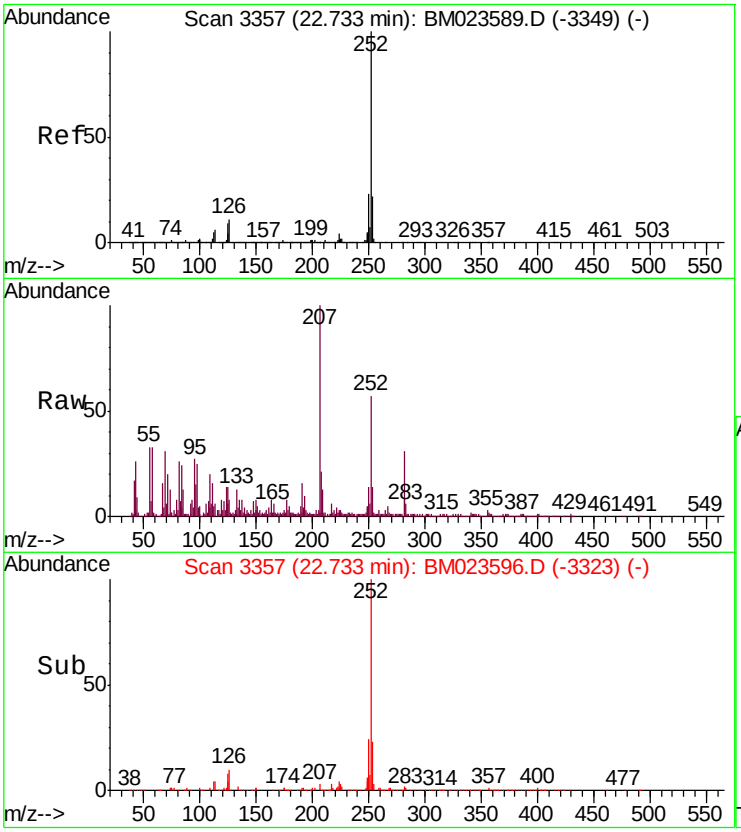


#85
Chrysene
Concen: 4.168 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM023596.D
Acq: 05 Nov 2019 01:20

Tgt Ion:228 Resp: 499804

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.9	16.0	24.0



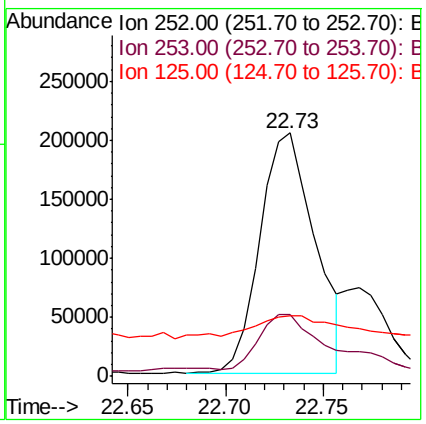


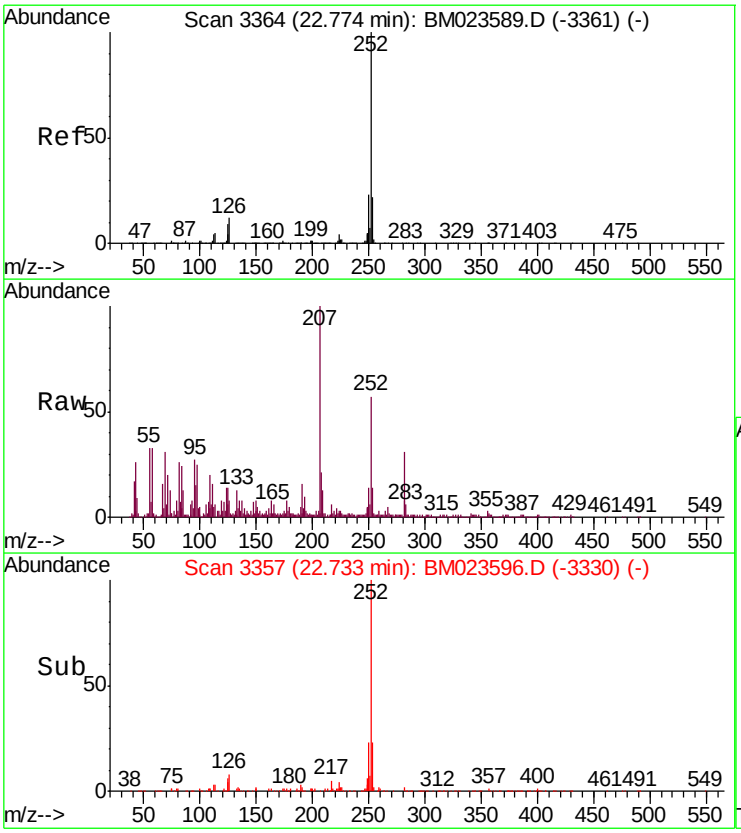
#88
Benzo(b)fluoranthene
Concen: 2.546 ng/ul
RT: 22.73 min Scan# 3357
Delta R.T. 0.00 min
Lab File: BM023596.D
Acq: 05 Nov 2019 01:20

Instrument :
BNA_M
ClientSampleId :
BFB97

Tgt Ion:252 Resp: 399878

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	25.0	7.1	10.7#





#89
Benzo(k)fluoranthene
Concen: 2.712 ng/ul
RT: 22.73 min Scan# 3357
Delta R.T. -0.04 min
Lab File: BM023596.D
Acq: 05 Nov 2019 01:20

Tgt Ion:252 Resp: 399878

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	25.0	6.8	10.2#