Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019684.D
Acq On : 02 Apr 2019 08:47
Operator : JU/SJ
Sample : K2068-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J8

Quant Time: Apr 02 17:46:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 05:07:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	234337	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.35	136	995230	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.23	164	532046	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.00	188	939830	20.00	ng/ul	-0.02
78) Chrysene-d12	21.20	240	749761	20.00	ng/ul	-0.02
86) Perylene-d12	23.42	264	898746	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	27944	4.67	ng/uL	-0.02
5) Phenol-d5	6.76	99	286282	13.72	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	196734	14.08	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.11	132	242476	15.33	ng/ul	-0.02
13) 4-Methylphenol-d8	8.29	113	182350	11.64	ng/ul	-0.02
19) Nitrobenzene-d5	8.75	128	113439	15.98	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.46	143	114532	14.50	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.99	165	217305	14.58	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.52	131	152005	8.49	ng/ul	-0.02
44) Dimethylphthalate-d6	13.66	166	678909	15.81	ng/ul	-0.02
47) Acenaphthylene-d8	13.93	160	829601	15.45	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.51	143	68651	10.20	ng/ul	0.01
58) Fluorene-d10	15.24	176	537800	14.54	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	3932	0.63	ng/ul	0.00
71) Anthracene-d10	17.09	188	698355	15.48	ng/ul	-0.02
79) Pyrene-d10	19.40	212	586093	16.92	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.27	264	632786	13.28	ng/ul	-0.02
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	121848	2.829	ng/ul	98
77) Fluoranthene	19.07	202	95360	1.562	ng/ul#	87
80) Pyrene	19.43	202	89599	1.986	ng/ul#	83
85) Chrysene	21.24	228	51427	1.188	ng/ul#	88
88) Benzo(b)fluoranthene	22.76	252	79897	1.459	ng/ul#	61

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

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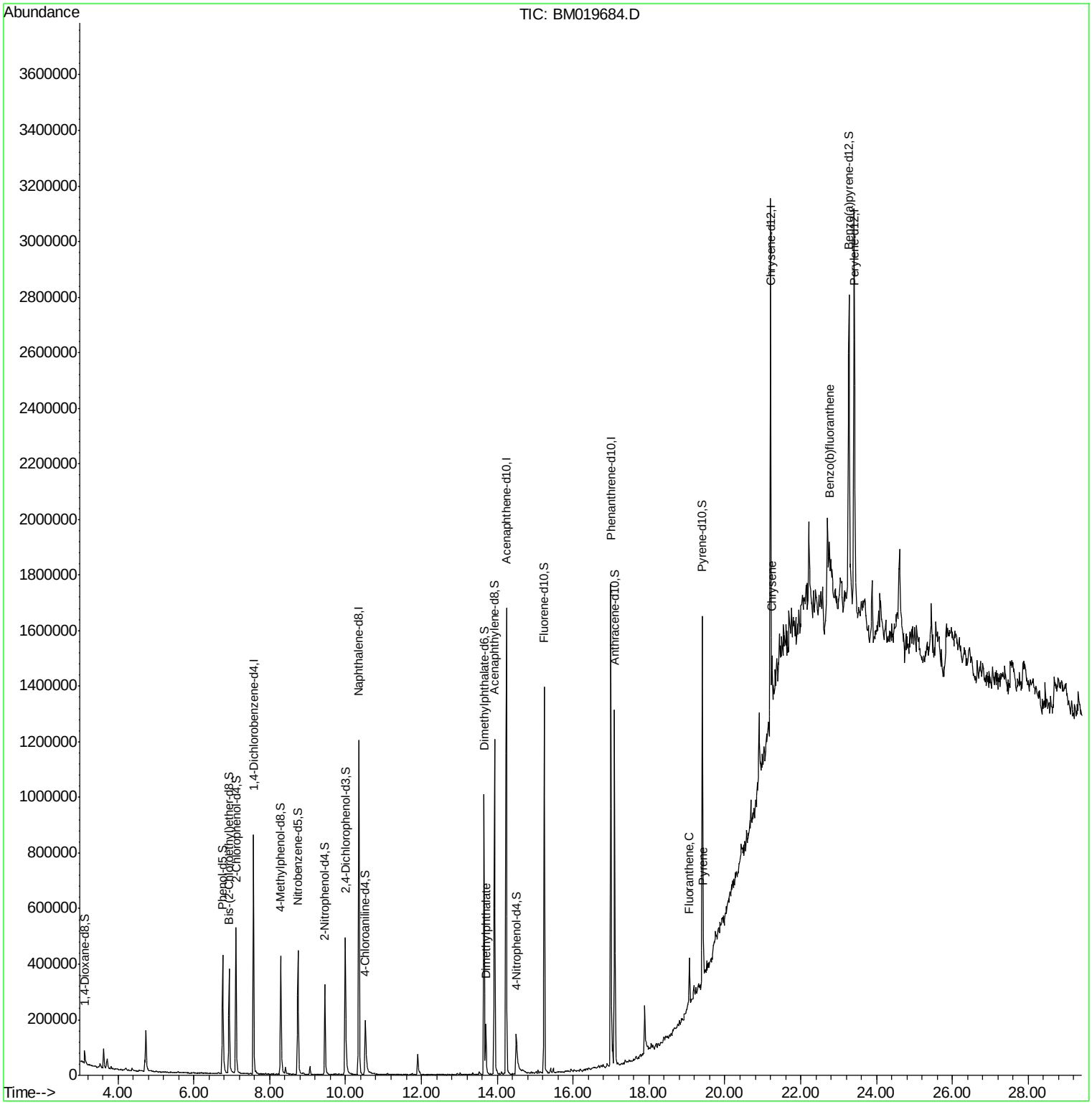
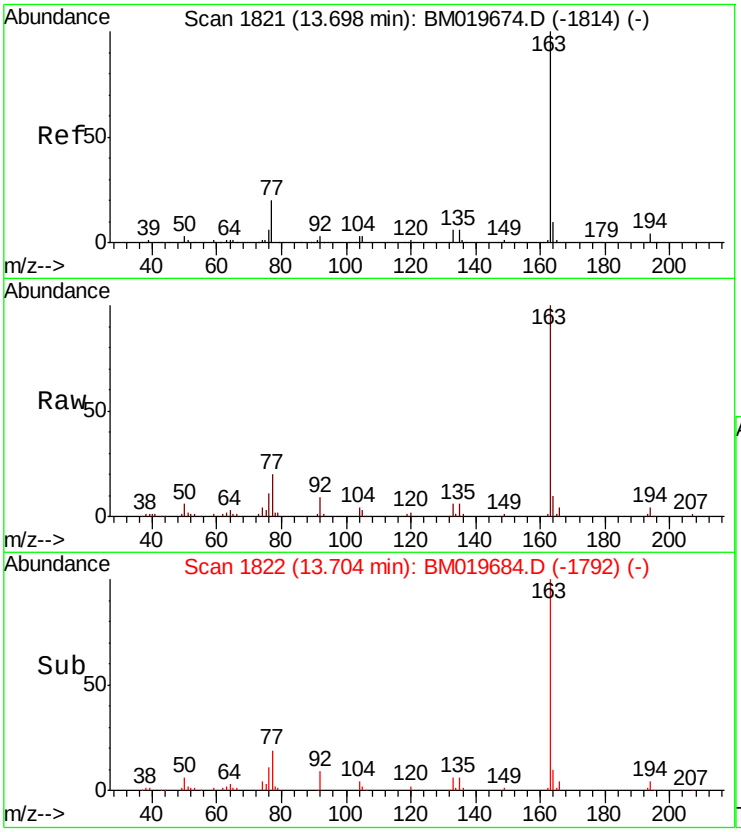


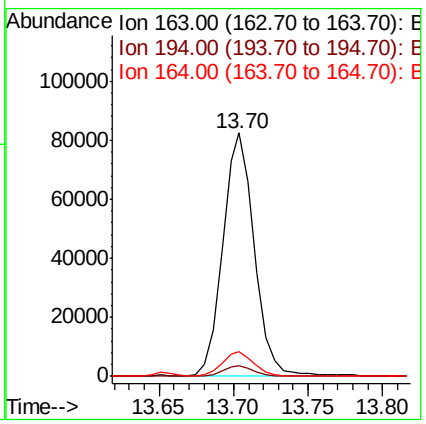


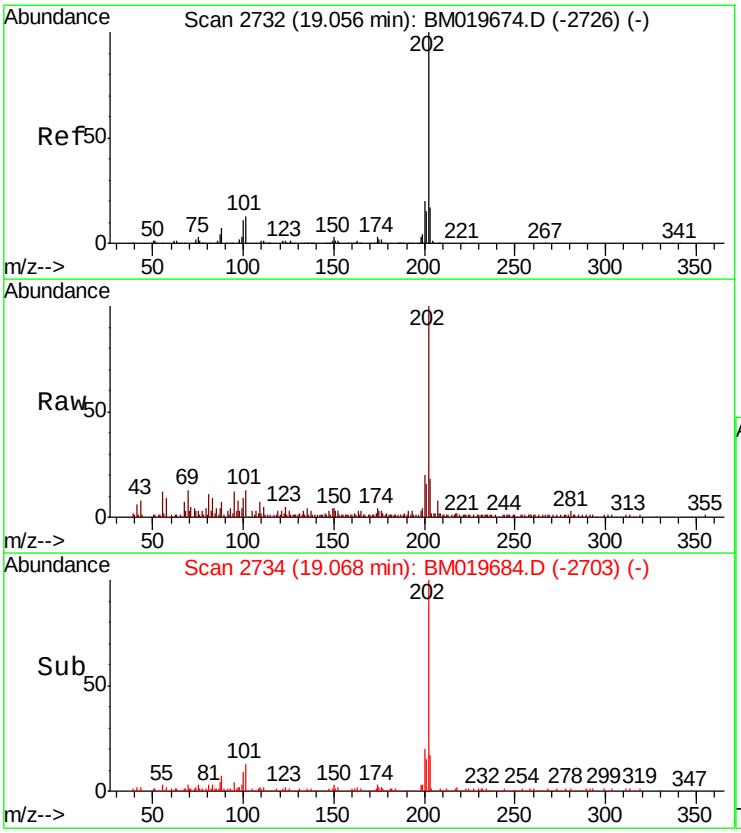
#45
Dimethylphthalate
Concen: 2.829 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BM019684.D
Acq: 02 Apr 2019 08:47

Instrument :
BNA_M
ClientSampleId :
BF5J8

Tgt Ion:163 Resp: 121848

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.0	8.4	12.6

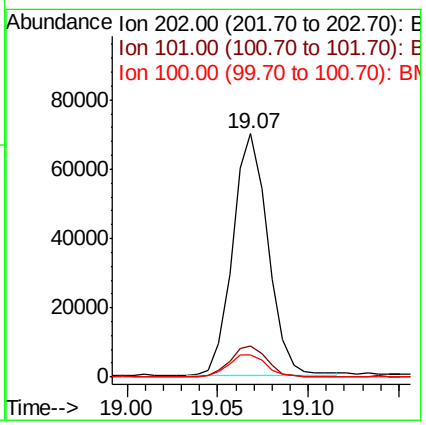


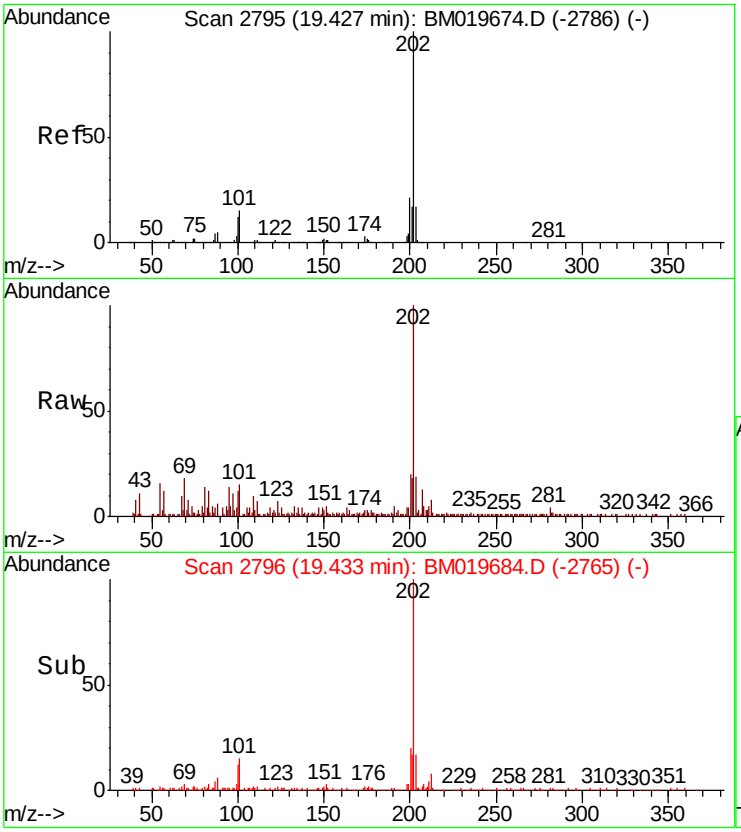


#77
Fluoranthene
Concen: 1.562 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.02 min
Lab File: BM019684.D
Acq: 02 Apr 2019 08:47

Tgt Ion:202 Resp: 95360

Ion	Ratio	Lower	Upper
202	100		
101	12.6	6.1	9.1#
100	9.4	4.6	7.0#



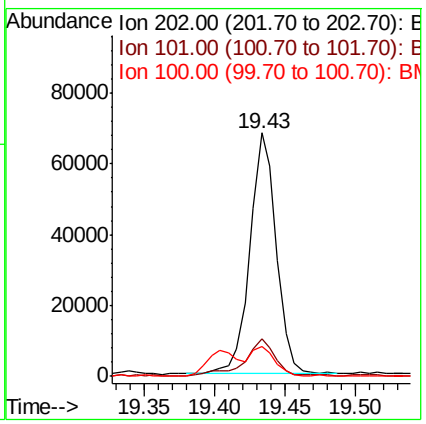


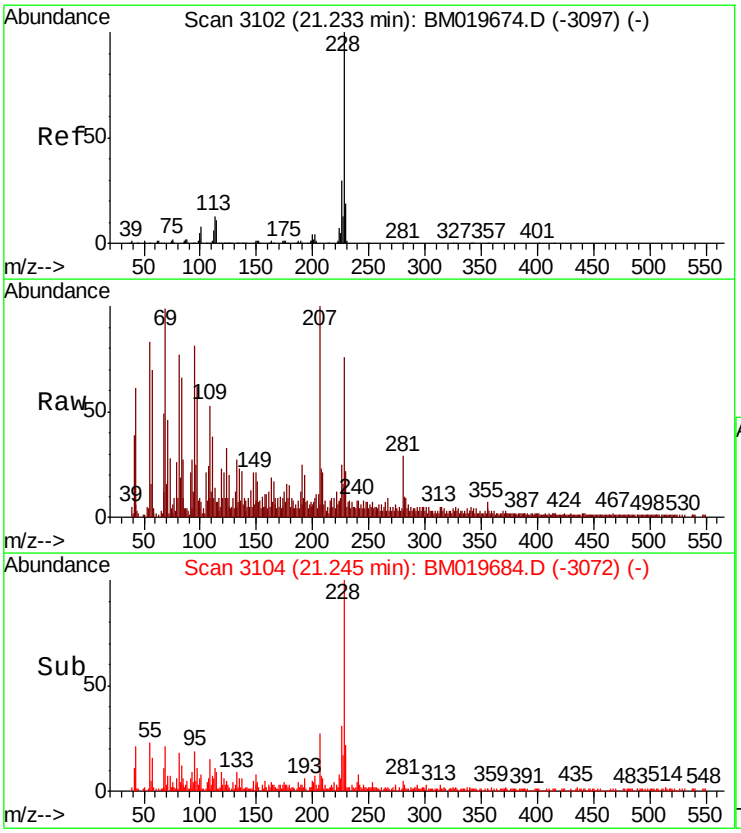
#80
Pyrene
Concen: 1.986 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.02 min
Lab File: BM019684.D
Acq: 02 Apr 2019 08:47

Instrument :
BNA_M
ClientSampleId :
BF5J8

Tgt Ion:202 Resp: 89599

Ion	Ratio	Lower	Upper
202	100		
101	15.2	6.9	10.3#
100	12.1	5.6	8.4#





#85
Chrysene
Concen: 1.188 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM019684.D
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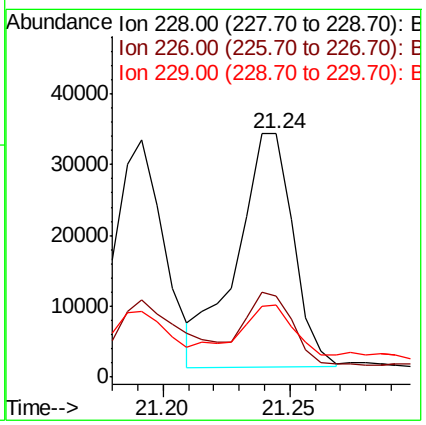
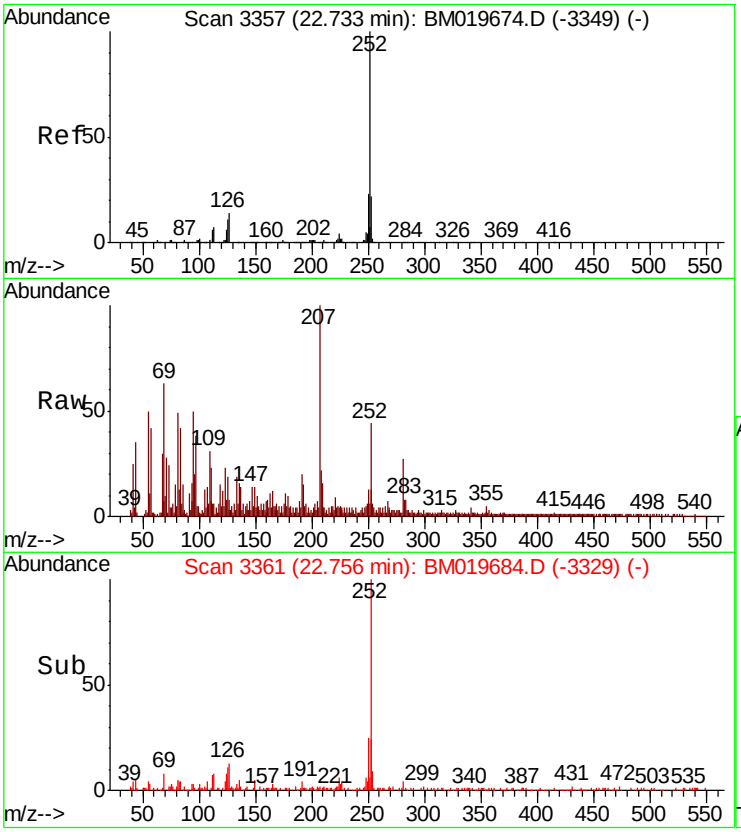
Tgt Ion:228 Resp: 51427

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.1	36.1
229	29.5	16.0	24.0#





#88
Benzo(b)fluoranthene
Concen: 1.459 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM019684.D
Acq: 02 Apr 2019 08:47

Instrument :
BNA_M
ClientSampleId :
BF5J8

Tgt Ion:252 Resp: 79897

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.4	26.0#
125	43.5	4.9	7.3#