Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017153.D
Acq On : 13 Oct 2018 18:45
Operator : MJ/SJ
Sample : J5400-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BE3

Manual Integrations APPROVED
Sohil
10/16/2018 9:54:08 AM

Quant Time: Oct 15 04:15:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 12 23:37:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	213844	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	957229	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	509231	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	1087591	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	926872	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	992550	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	0	0.00	ng/ul	
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	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	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	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	17.12	178	190860	3.130	ng/ul	98
77) Fluoranthene	19.14	202	438174	6.203	ng/ul	99
80) Pyrene	19.50	202	149314	2.780	ng/ul	97
83) Benzo(a)anthracene	21.26	228	103312m	1.858	ng/ul	
85) Chrysene	21.30	228	225443	4.192	ng/ul	95
88) Benzo(b)fluoranthene	22.83	252	160033	2.708	ng/ul#	32

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

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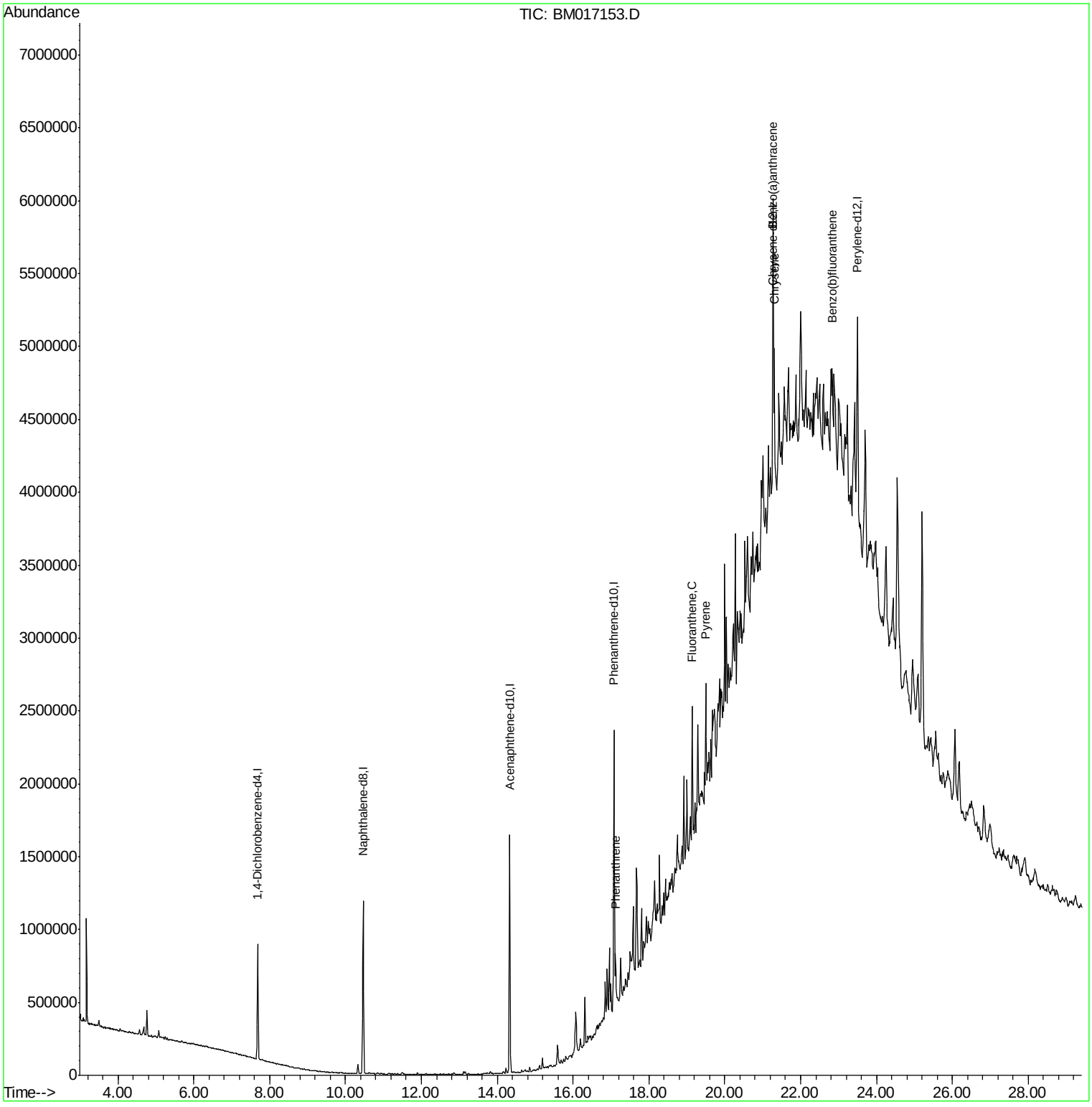
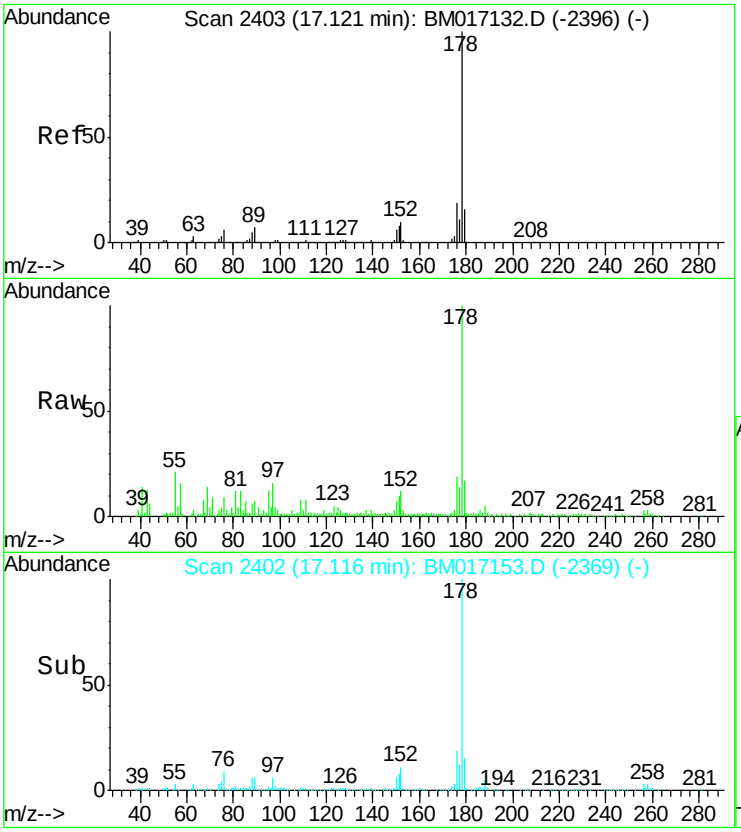
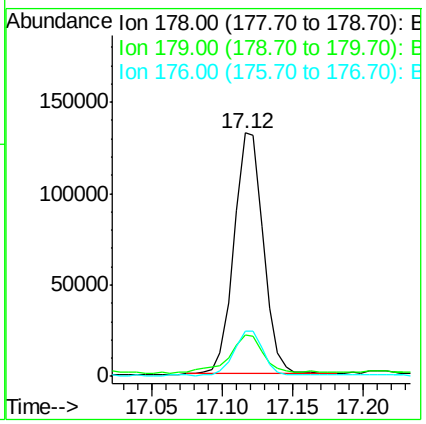




#70
Phenanthrene
Concen: 3.130 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

Tgt Ion:178 Resp: 190860

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.2	18.2
176	18.8	15.0	22.4



Instrument :
BNA_M
ClientSampleId :
C0BE3

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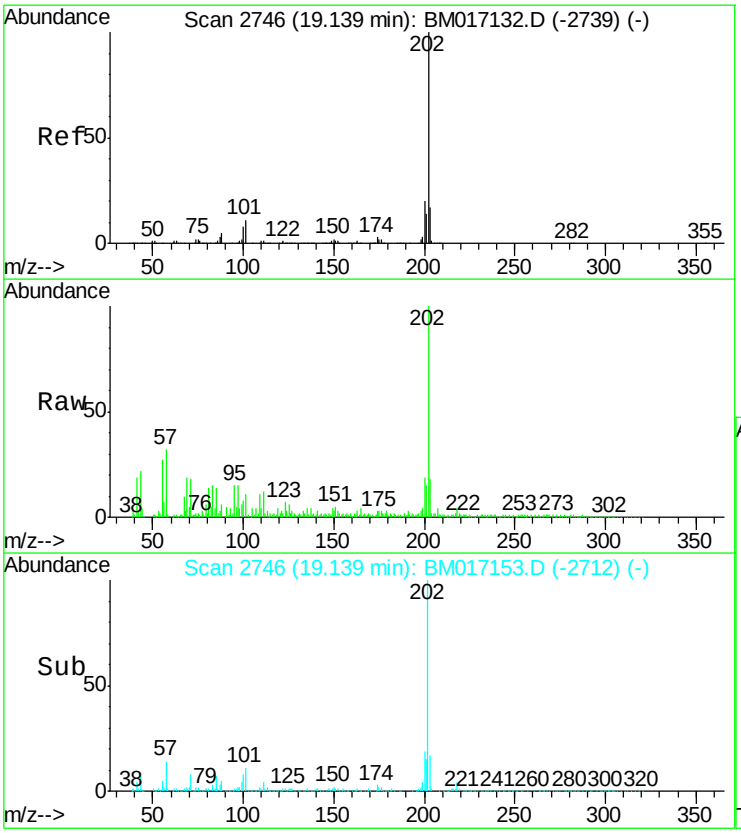
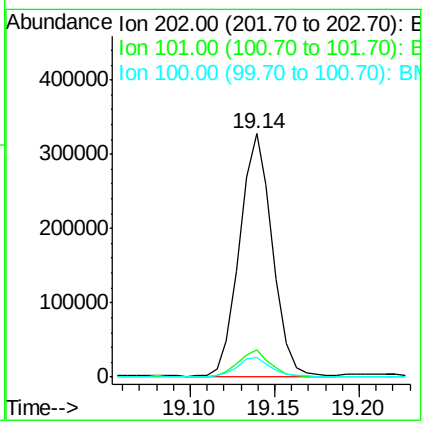
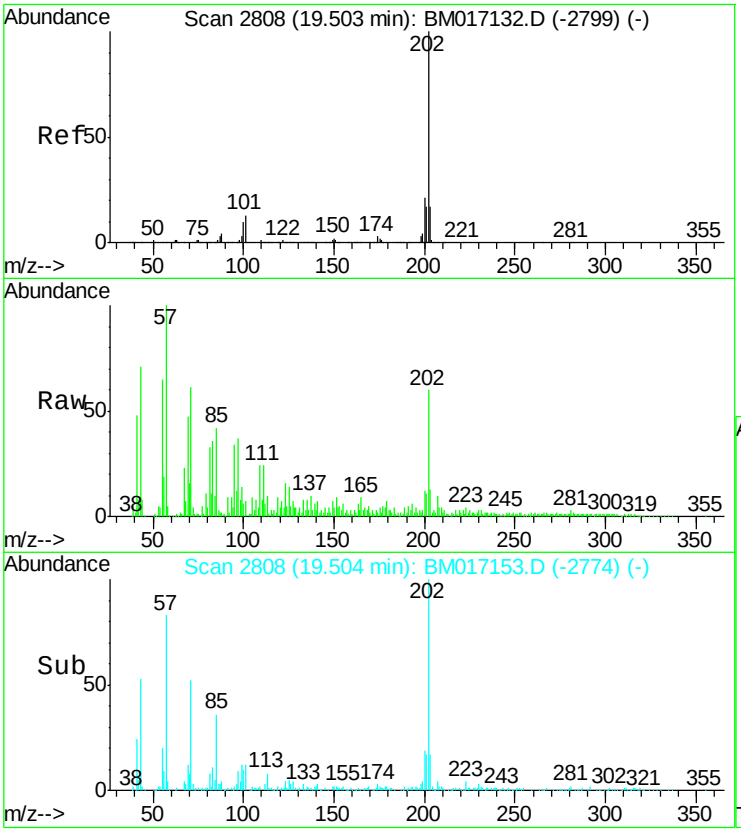


#77
Fluoranthene
Concen: 6.203 ng/ul
RT: 19.14 min Scan# 2746
Delta R.T. 0.00 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

Tgt Ion:202 Resp: 438174

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.3	12.5
100	8.3	6.6	9.8

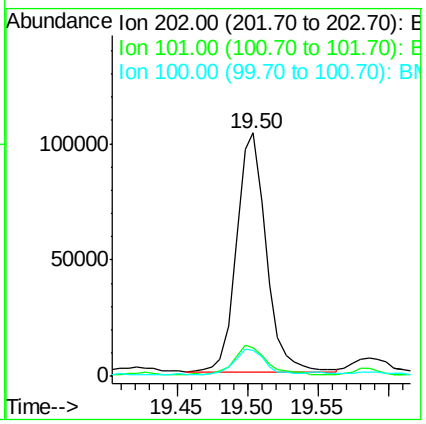




#80
Pyrene
Concen: 2.780 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

Tgt Ion:202 Resp: 149314

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.8	16.2
100	10.6	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
C0BE3

Manual Integrations APPROVED
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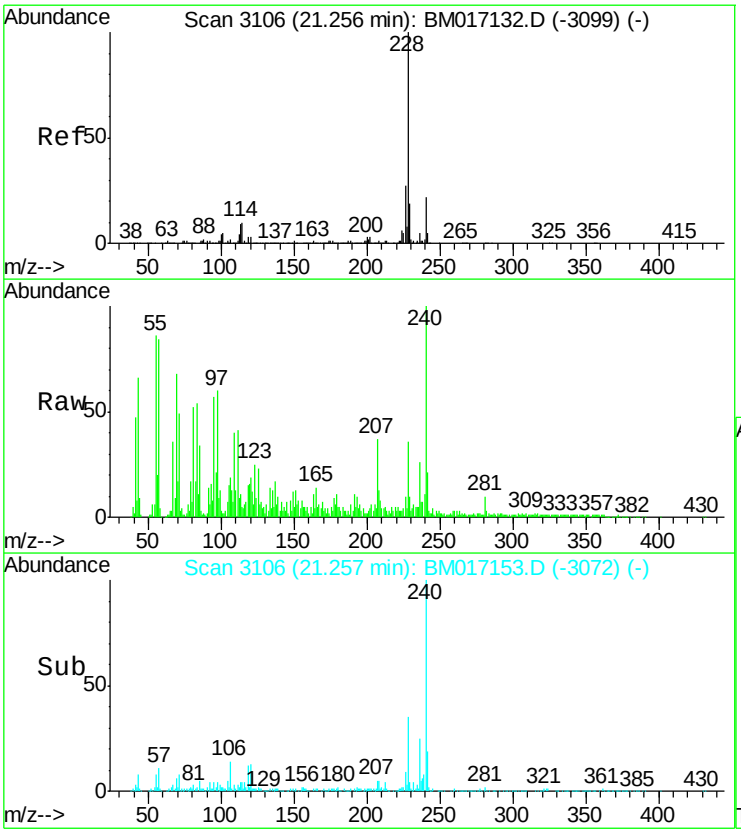
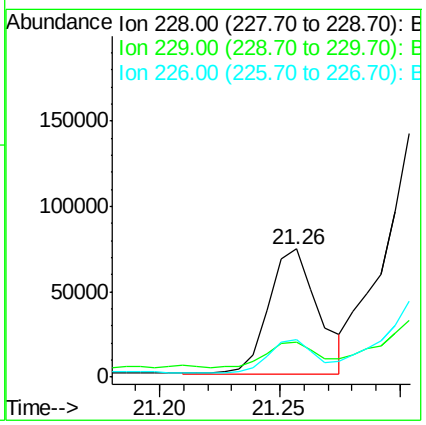
10/16/2018 9:54:08 AM

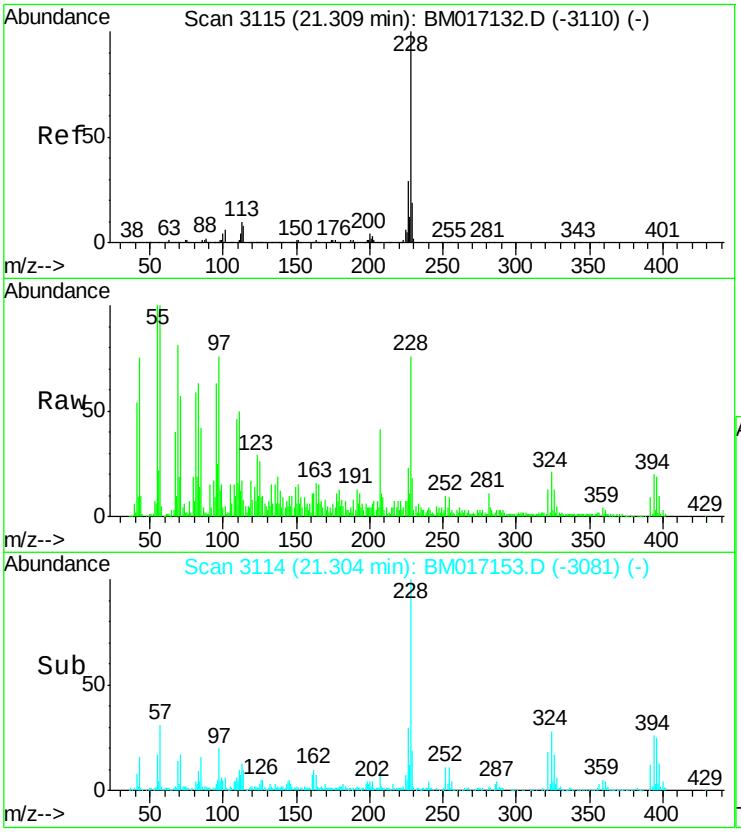


#83
Benzo(a)anthracene
Concen: 1.858 ng/ul m
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

Tgt Ion:228 Resp: 103312

Ion	Ratio	Lower	Upper
228	100		
229	26.9	15.7	23.5#
226	29.2	20.9	31.3





#85
Chrysene
Concen: 4.192 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

Tgt Ion:228 Resp: 225443

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	23.2	15.6	23.4

Instrument :
BNA_M
ClientSampleId :
C0BE3

Manual Integrations APPROVED
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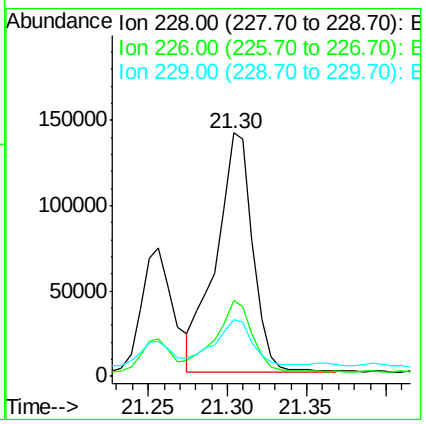

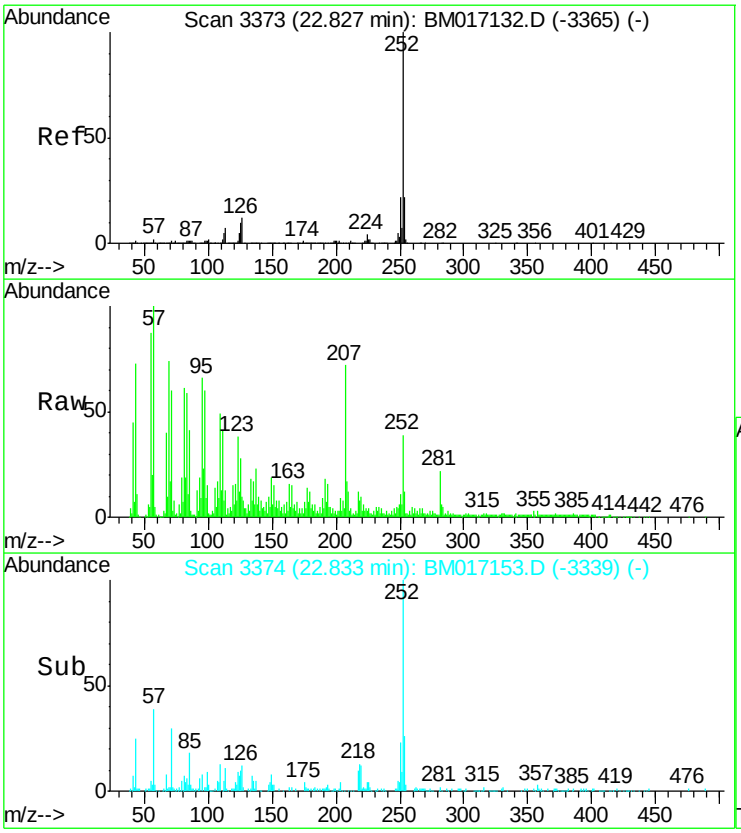

#88
Benzo(b)fluoranthene
Concen: 2.708 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

Tgt Ion:252 Resp: 160033

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.3	25.9#
125	72.4	8.2	12.4#