Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021201.D
Acq On : 26 Jun 2019 20:42
Operator : HP/JU
Sample : K3501-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AC3

Quant Time: Jun 27 00:45:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 00:42:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	237188	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1067075	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	719216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1713435	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1331094	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1302568	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	15166	3.04	ng/uL	0.00
5) Phenol-d5	6.93	99	398358	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	242268	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	332347	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	359505	20.86	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	182364	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	211653	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	419944	21.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	490807	24.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1513300	23.29	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1708092	21.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	176066	16.66	ng/ul	0.00
57) Fluorene-d10	15.40	176	1325212	23.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	173215	16.44	ng/ul	0.00
70) Anthracene-d10	17.25	188	2043387	22.95	ng/ul	0.00
78) Pyrene-d10	19.55	212	2137138	26.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1720776	22.39	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.86	163	487948	8.248	ng/ul	98
69) Phenanthrene	17.20	178	120353	1.270	ng/ul	99
76) Fluoranthene	19.21	202	226313	2.210	ng/ul	98
79) Pyrene	19.57	202	190092	2.020	ng/ul	97
82) Benzo(a)anthracene	21.32	228	96566	1.064	ng/ul	97
84) Chrysene	21.37	228	97679	1.149	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	122311	1.482	ng/ul#	95
88) Benzo(k)fluoranthene	22.93	252	122311	1.541	ng/ul#	96

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

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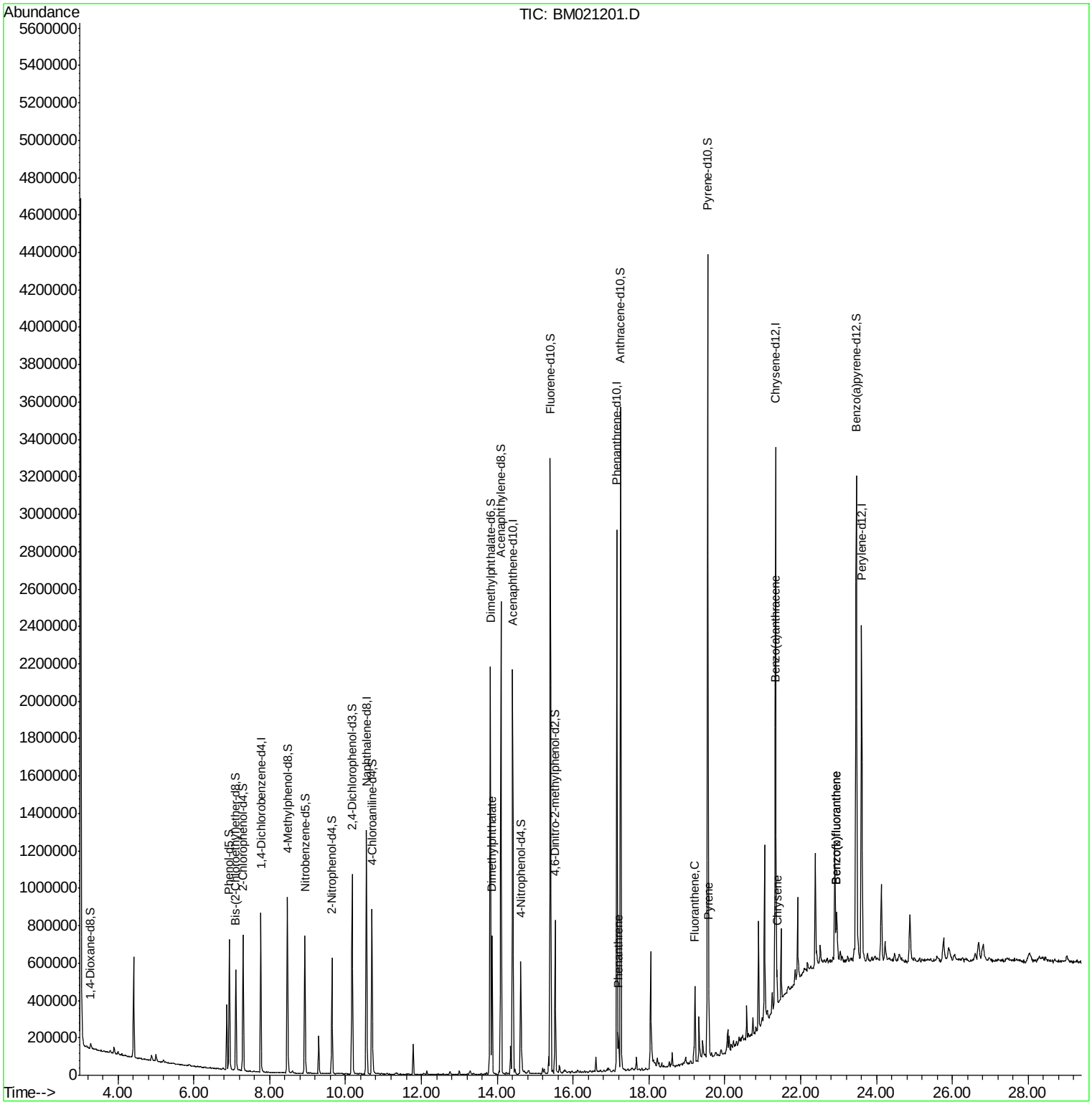
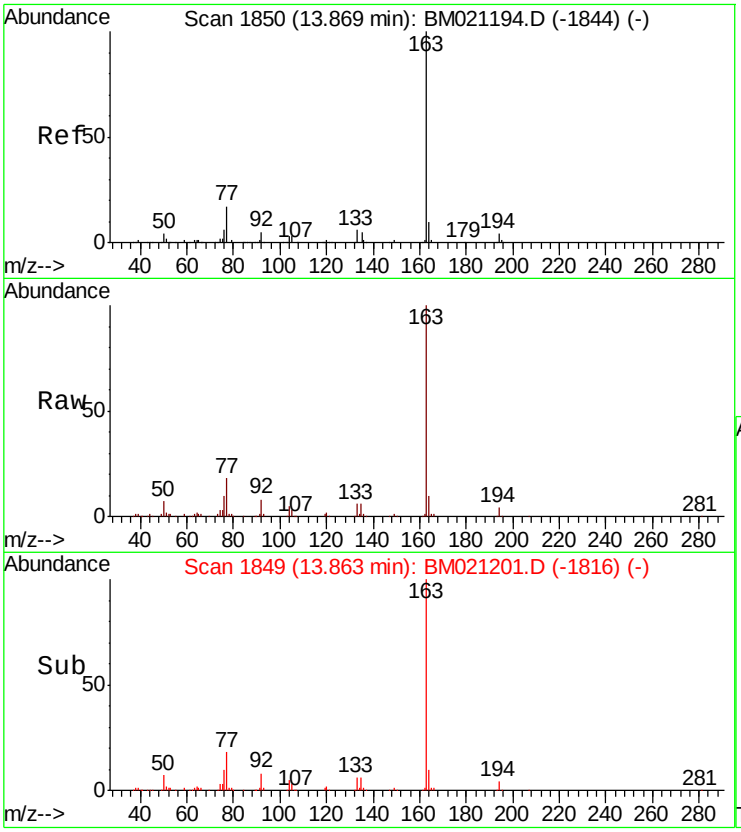


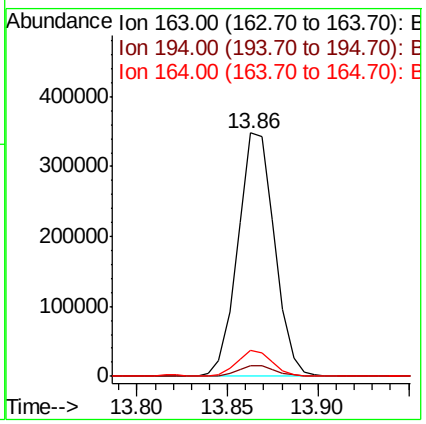


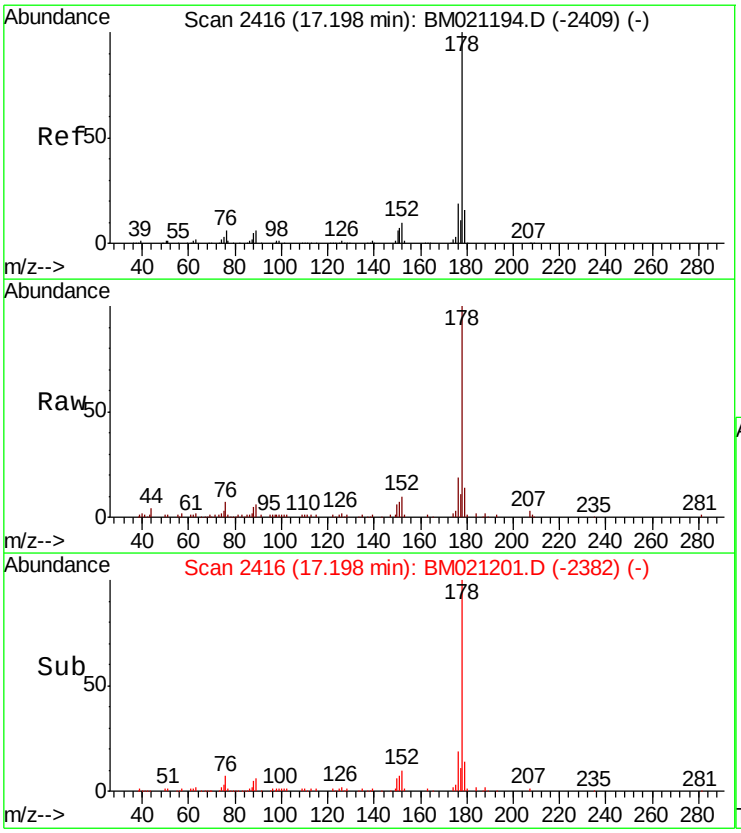
#44
Dimethylphthalate
Concen: 8.248 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021201.D
Acq: 26 Jun 2019 20:42

Instrument :
BNA_M
ClientSampleId :
C5AC3

Tgt Ion:163 Resp: 487948

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	7.7	11.5

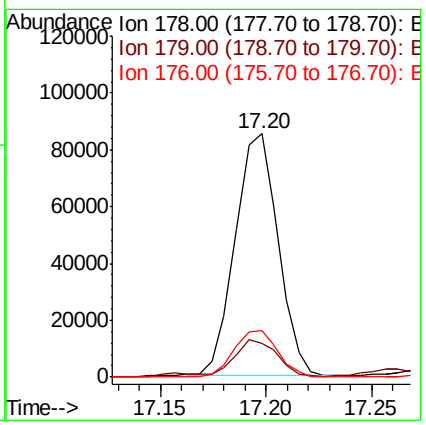


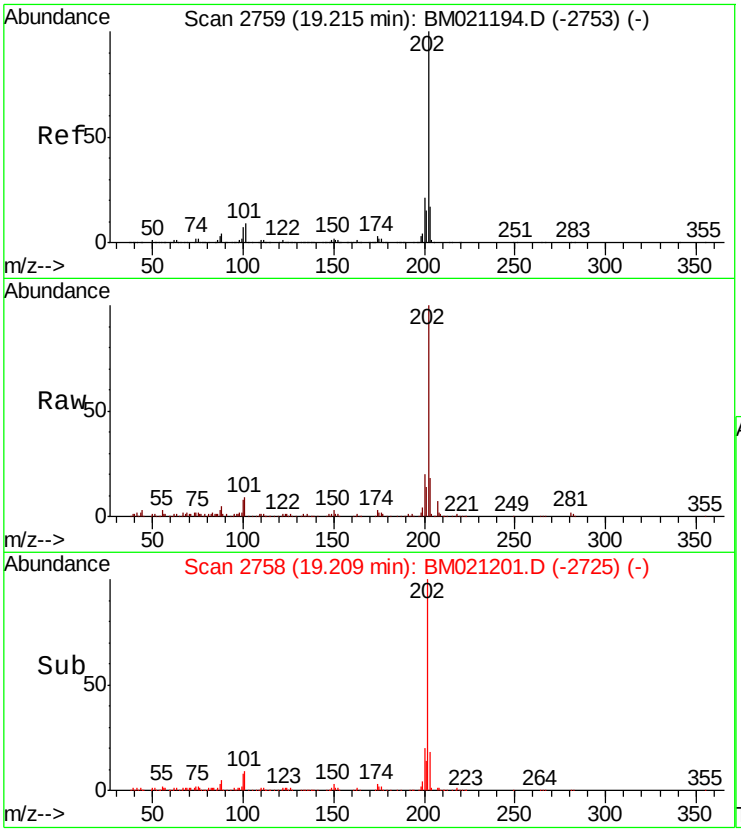


#69
Phenanthrene
Concen: 1.270 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM021201.D
Acq: 26 Jun 2019 20:42

Tgt Ion:178 Resp: 120353

Ion	Ratio	Lower	Upper
178	100		
179	13.9	11.8	17.8
176	19.1	15.0	22.6



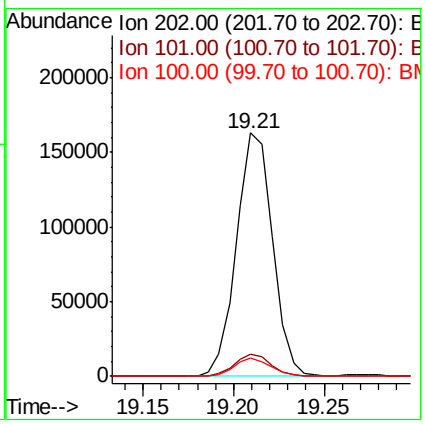


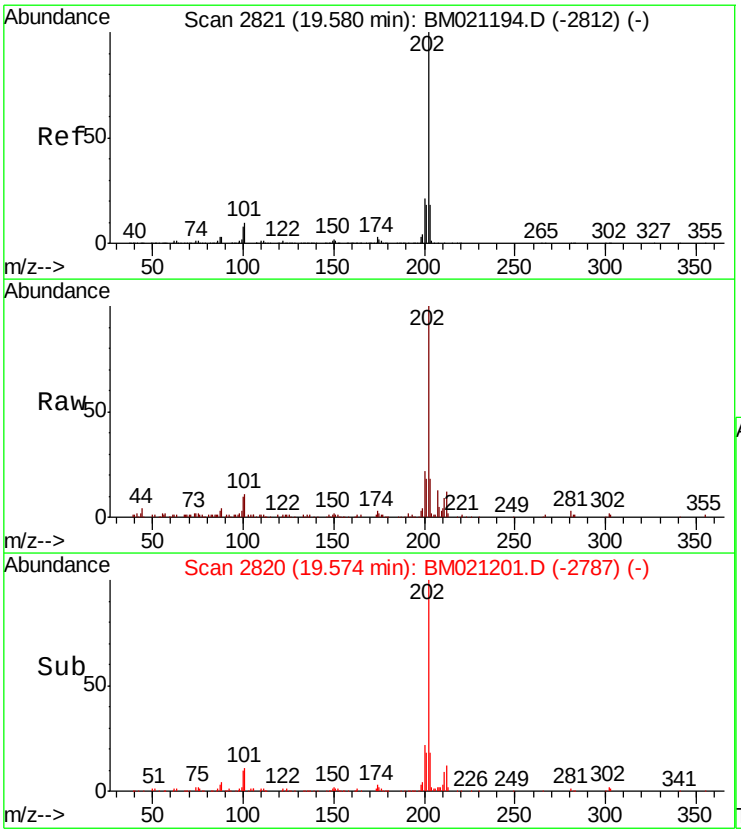
#76
Fluoranthene
Concen: 2.210 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021201.D
Acq: 26 Jun 2019 20:42

Instrument :
BNA_M
ClientSampleId :
C5AC3

Tgt Ion:202 Resp: 226313

Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.7	10.1
100	7.5	5.5	8.3

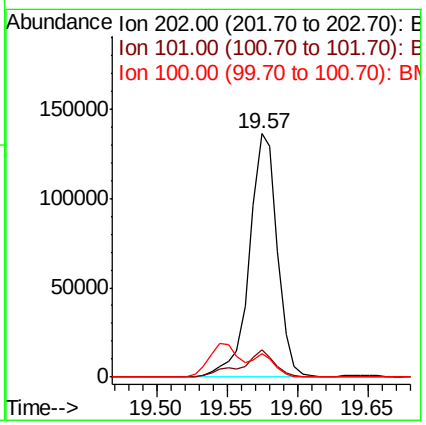


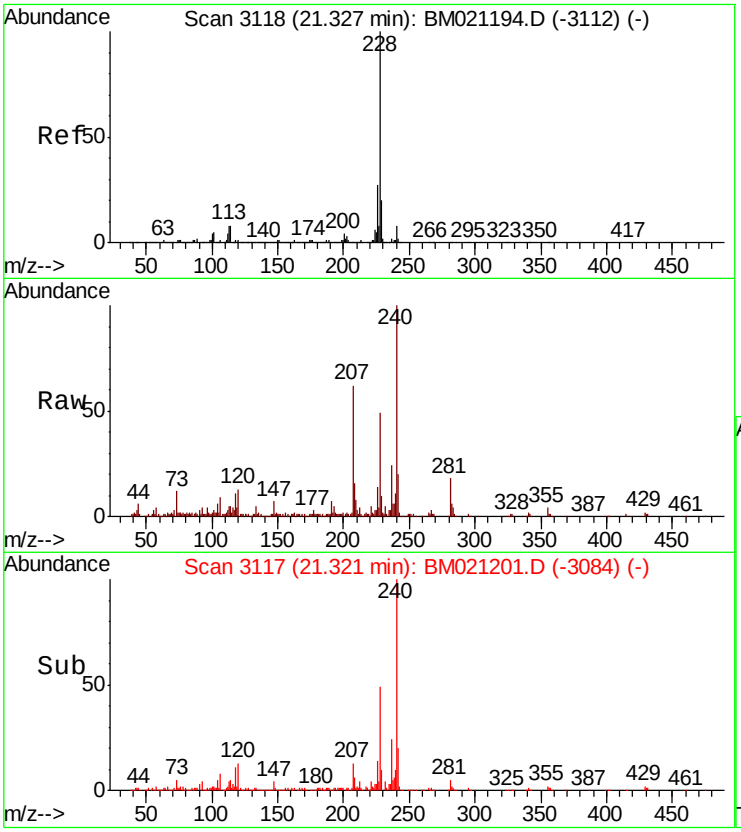


#79
Pyrene
Concen: 2.020 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021201.D
Acq: 26 Jun 2019 20:42

Tgt Ion:202 Resp: 190092

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.1	12.1
100	9.7	6.6	10.0



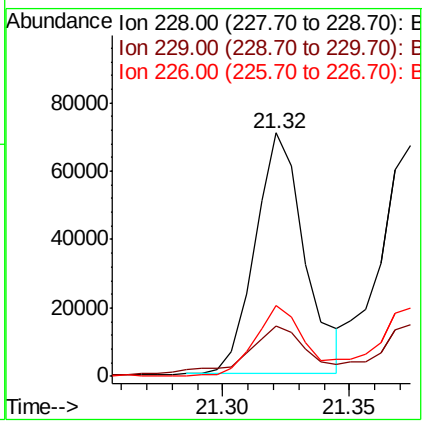


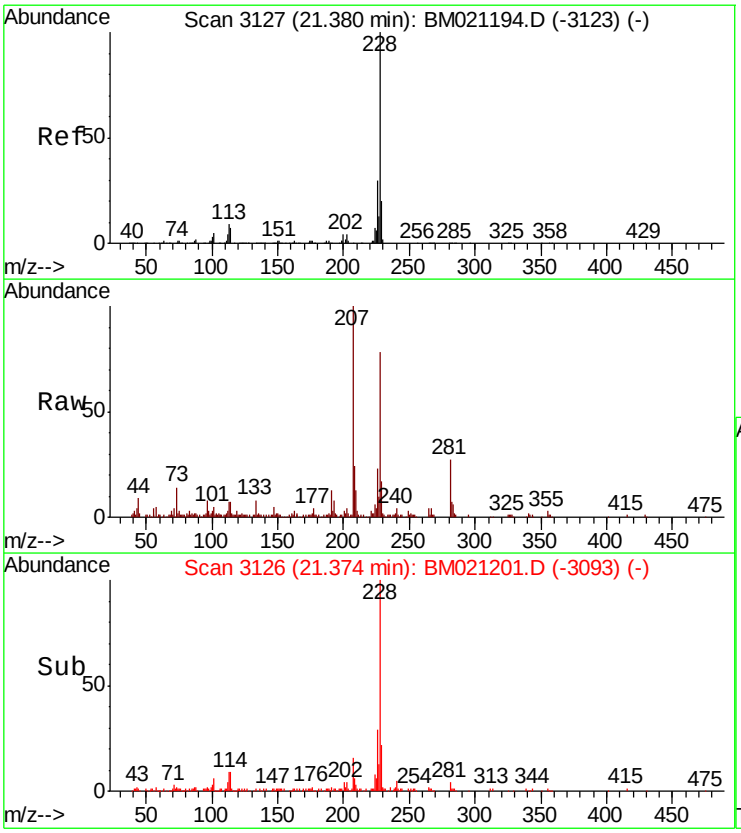
#82
Benzo(a)anthracene
Concen: 1.064 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021201.D
Acq: 26 Jun 2019 20:42

Instrument :
BNA_M
ClientSampleId :
C5AC3

Tgt Ion:228 Resp: 96566

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	29.0	21.4	32.2

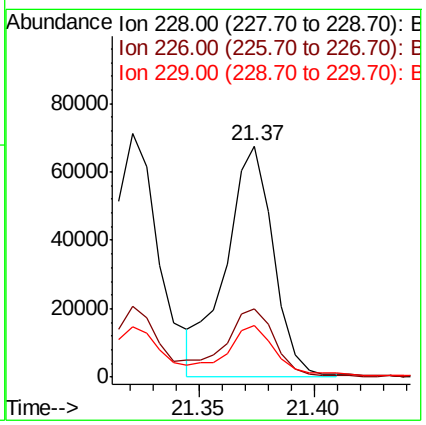


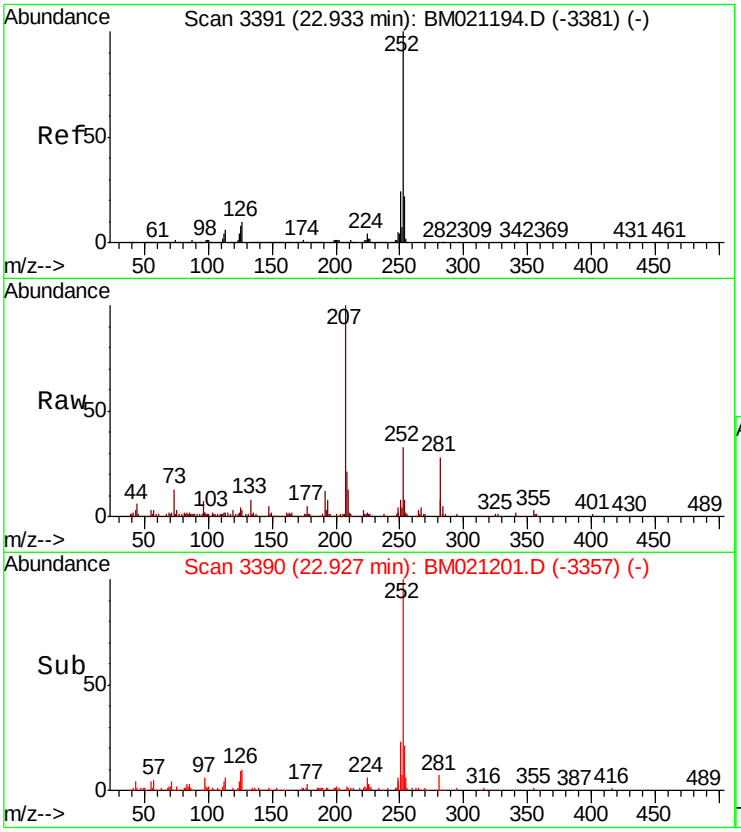


#84
Chrysene
Concen: 1.149 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021201.D
Acq: 26 Jun 2019 20:42

Tgt Ion:228 Resp: 97679

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	22.4	15.4	23.2



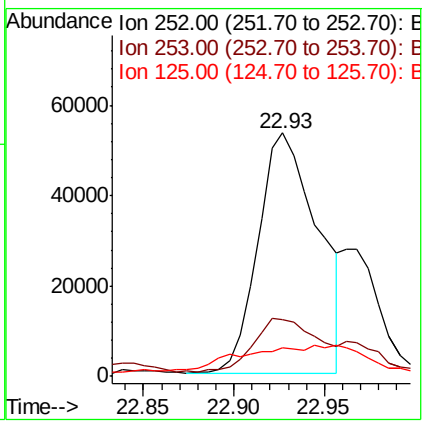


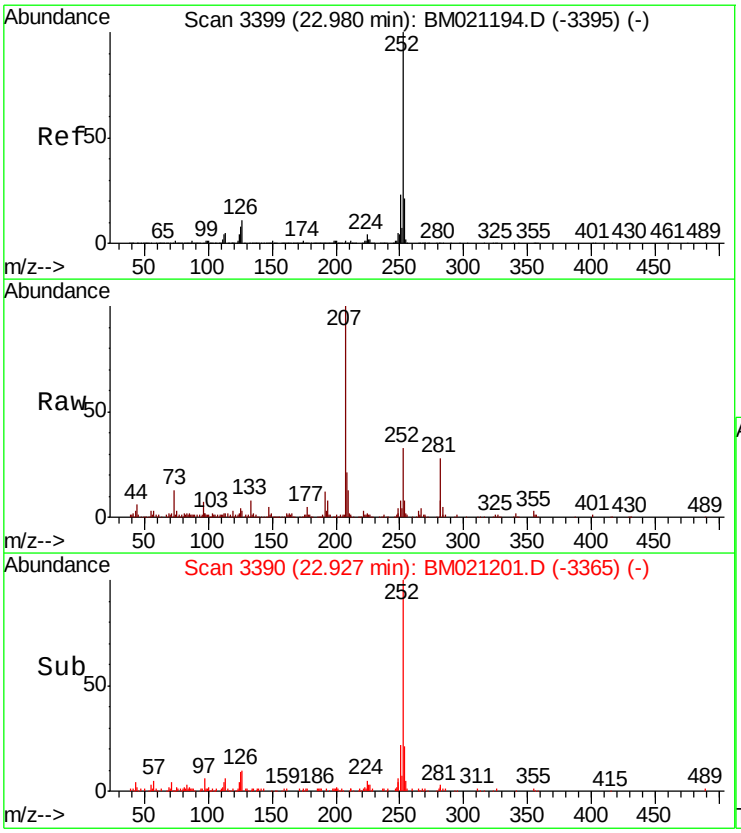
#87
Benzo(b)fluoranthene
Concen: 1.482 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM021201.D
Acq: 26 Jun 2019 20:42

Instrument :
BNA_M
ClientSampleId :
C5AC3

Tgt Ion:252 Resp: 122311

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.6	6.3	9.5#





#88
Benzo(k)fluoranthene
Concen: 1.541 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM021201.D
Acq: 26 Jun 2019 20:42

Tgt Ion:252 Resp: 122311

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.6	6.6	9.8#