Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

Quant Time: Nov 30 02:08:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 29 00:55:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	249646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1106946	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	635343	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1277588	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	909307	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	922882	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	286	0.05	ng/uL	-0.02
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.06	67	329	0.02	ng/ul	0.12
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	10.39	131	123	0.01	ng/ul	-0.12
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.25	176	2844	0.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.99	188	1277588	20.09	ng/ul	-0.10
78) Pyrene-d10	19.54	212	318	0.01	ng/ul	0.15
89) Benzo(a)pyrene-d12	23.38	264	915294	18.29	ng/ul	0.14
Target Compounds						Qvalue
69) Phenanthrene	17.03	178	288913	3.954	ng/ul	99
71) Anthracene	17.03	178	288913	3.867	ng/ul	99
76) Fluoranthene	19.06	202	436654	5.081	ng/ul	99
79) Pyrene	19.42	202	269867	4.889	ng/ul	98
82) Benzo(a)anthracene	21.18	228	139317	2.470	ng/ul	99
84) Chrysene	21.23	228	145445	2.757	ng/ul	97
87) Benzo(b)fluoranthene	22.73	252	134030	2.336	ng/ul#	90

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

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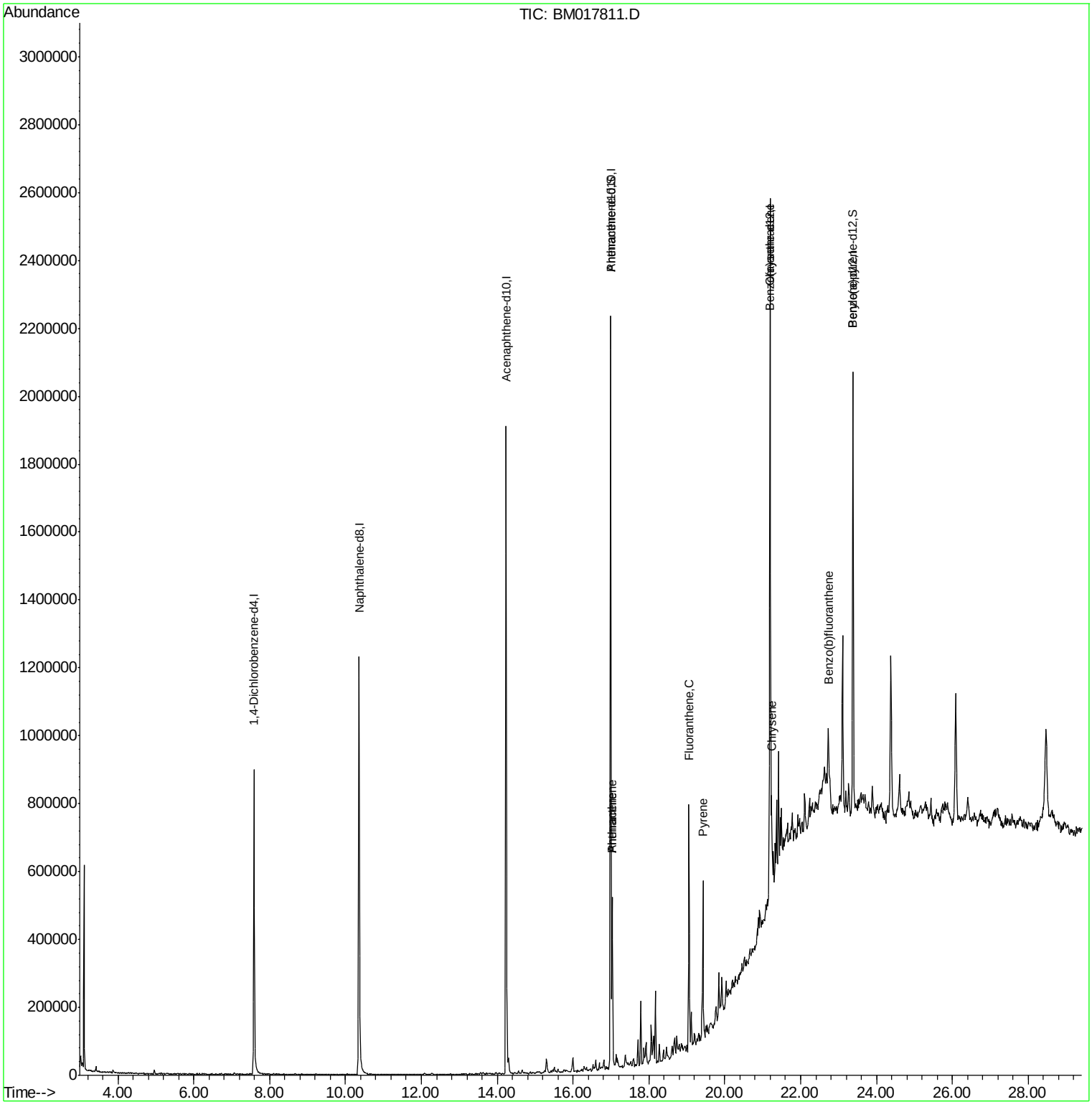
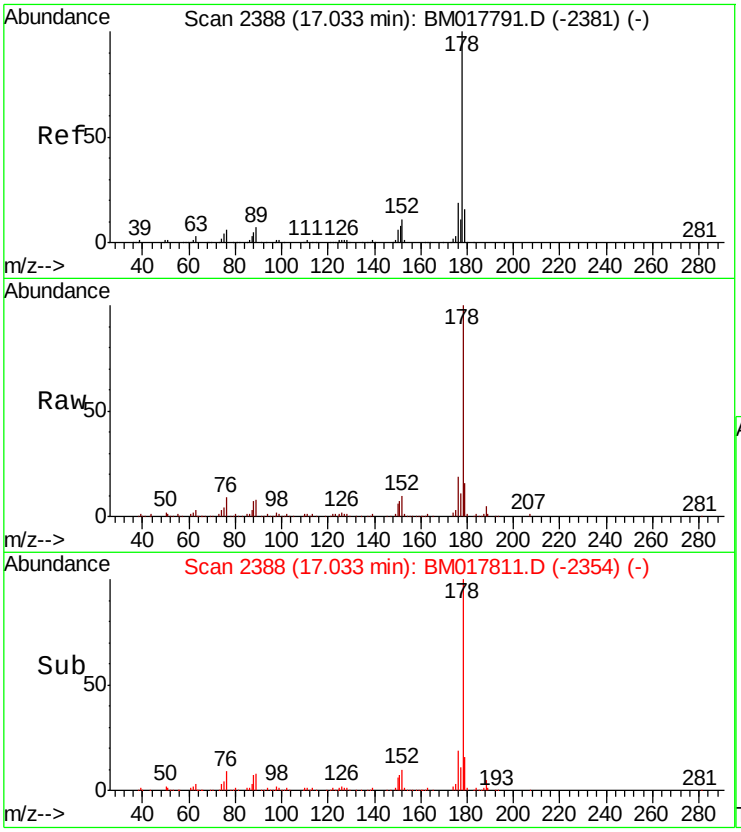


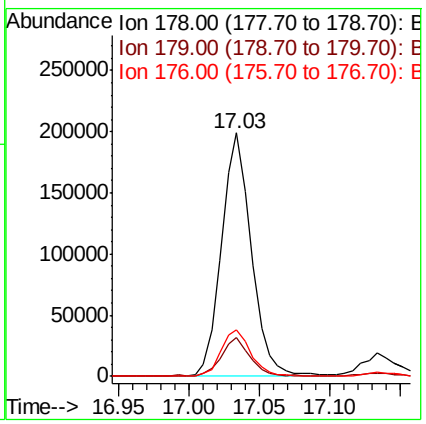


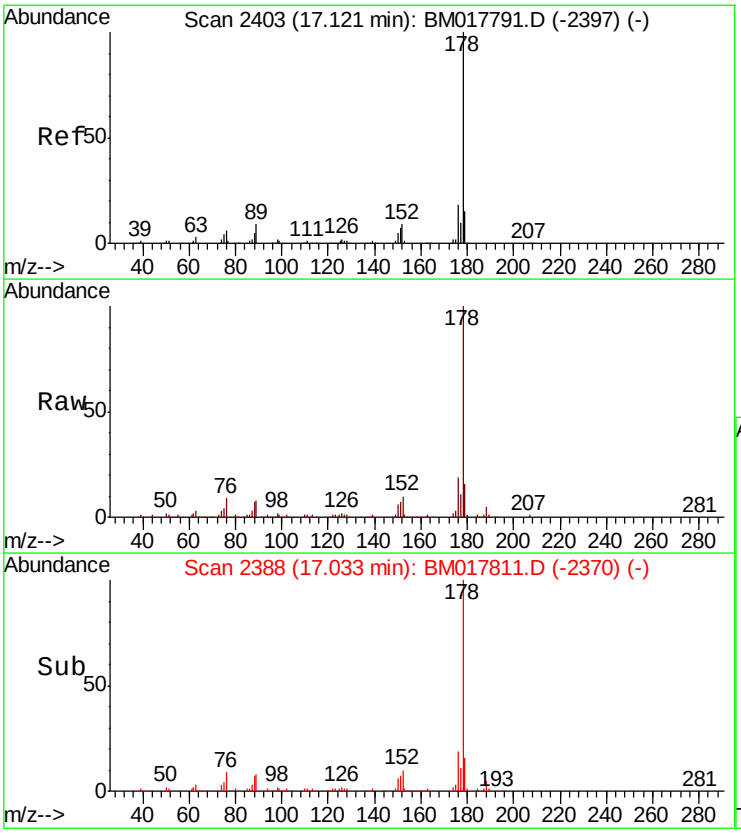
#69
Phenanthrene
Concen: 3.954 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM017811.D
Acq: 30 Nov 2018 00:22

Instrument :
BNA_M
ClientSampleId :
CB4R1

Tgt Ion:178 Resp: 288913

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	18.9	15.0	22.6

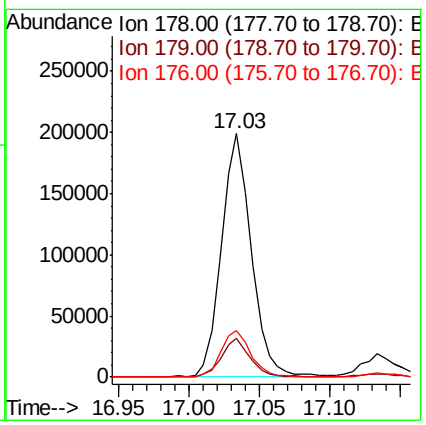


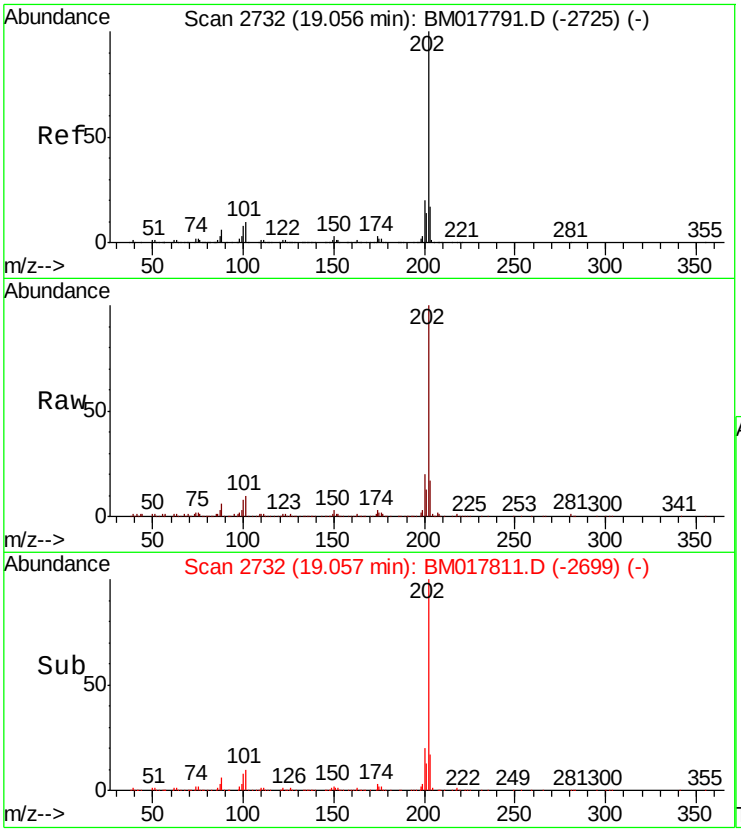


#71
Anthracene
Concen: 3.867 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.09 min
Lab File: BM017811.D
Acq: 30 Nov 2018 00:22

Tgt Ion:178 Resp: 288913

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.9	14.8	22.2



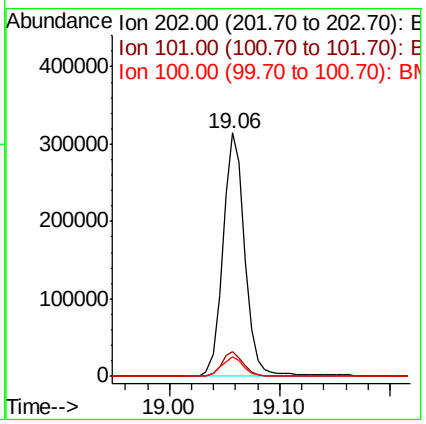


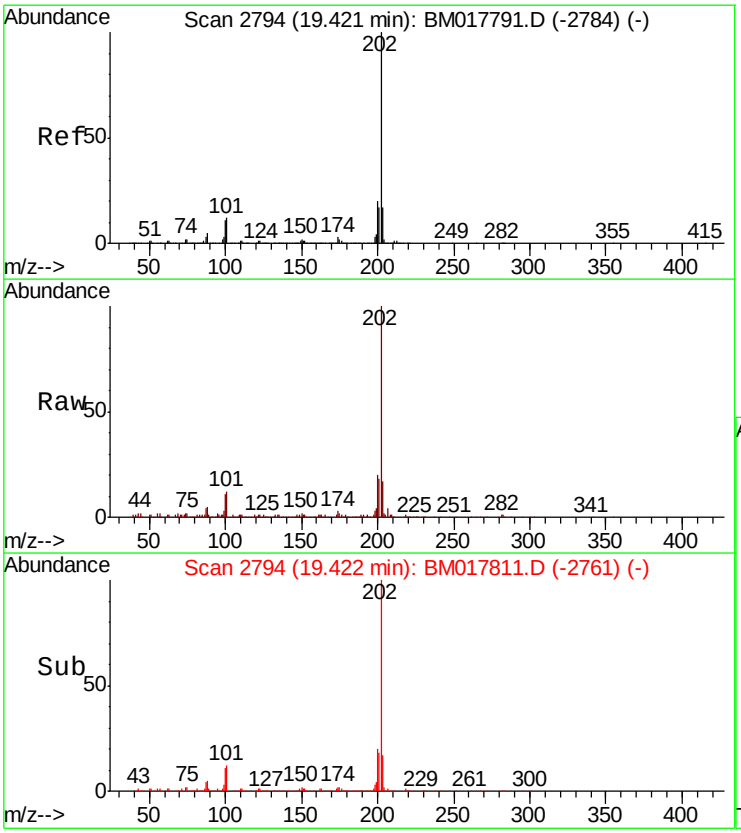
#76
Fluoranthene
Concen: 5.081 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM017811.D
Acq: 30 Nov 2018 00:22

Instrument :
BNA_M
ClientSampleId :
CB4R1

Tgt Ion:202 Resp: 436654

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	8.2	6.6	9.8

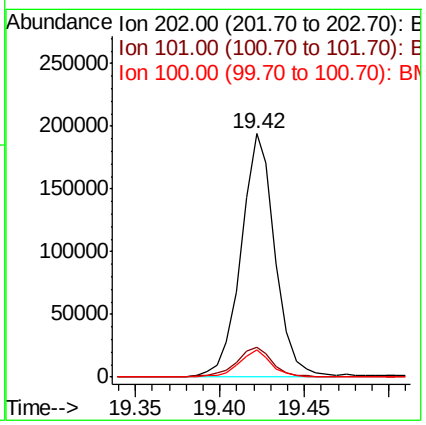


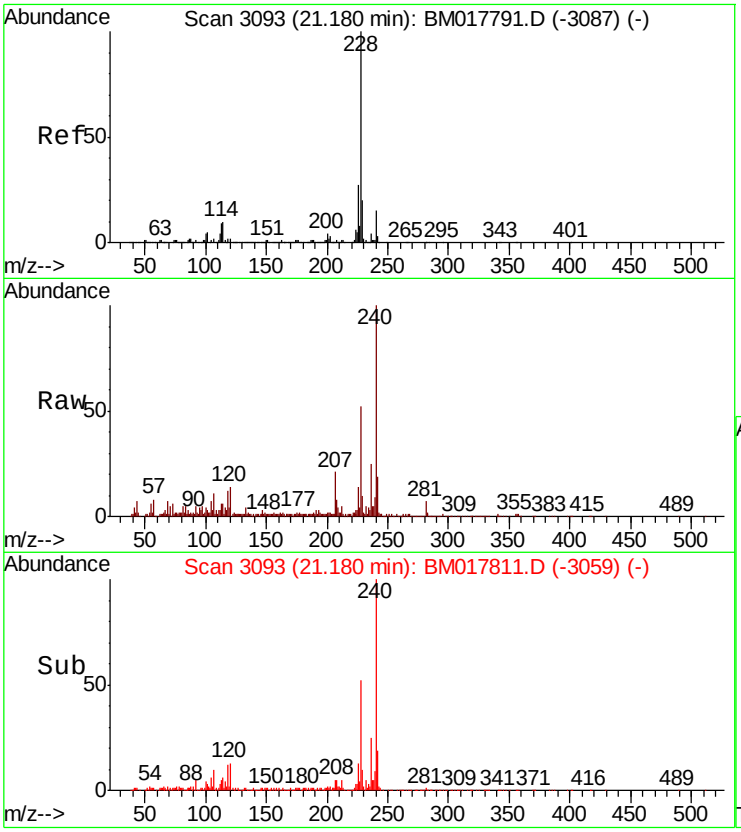


#79
Pyrene
Concen: 4.889 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM017811.D
Acq: 30 Nov 2018 00:22

Tgt Ion:202 Resp: 269867

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
100	11.0	7.9	11.9



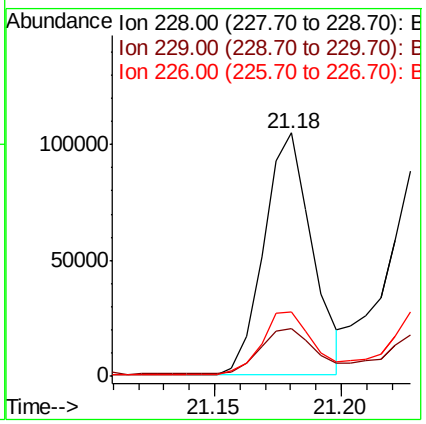


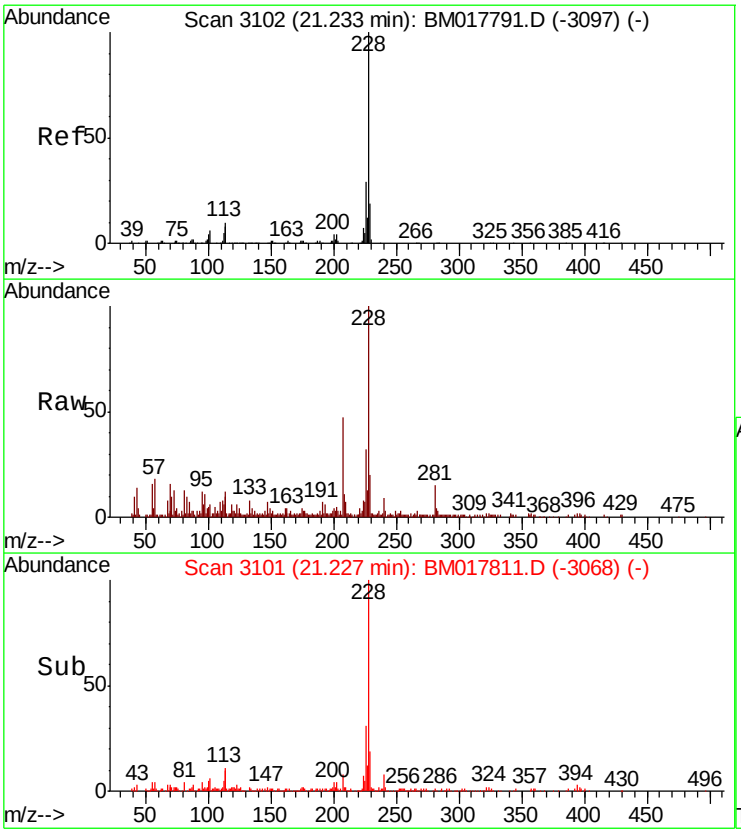
#82
Benzo(a)anthracene
Concen: 2.470 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM017811.D
Acq: 30 Nov 2018 00:22

Instrument :
BNA_M
ClientSampleId :
CB4R1

Tgt Ion:228 Resp: 139317

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.0	24.0
226	26.5	21.0	31.6

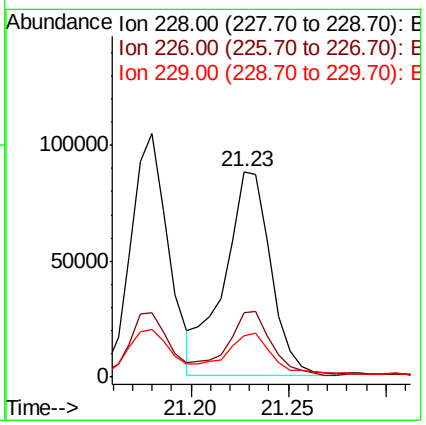


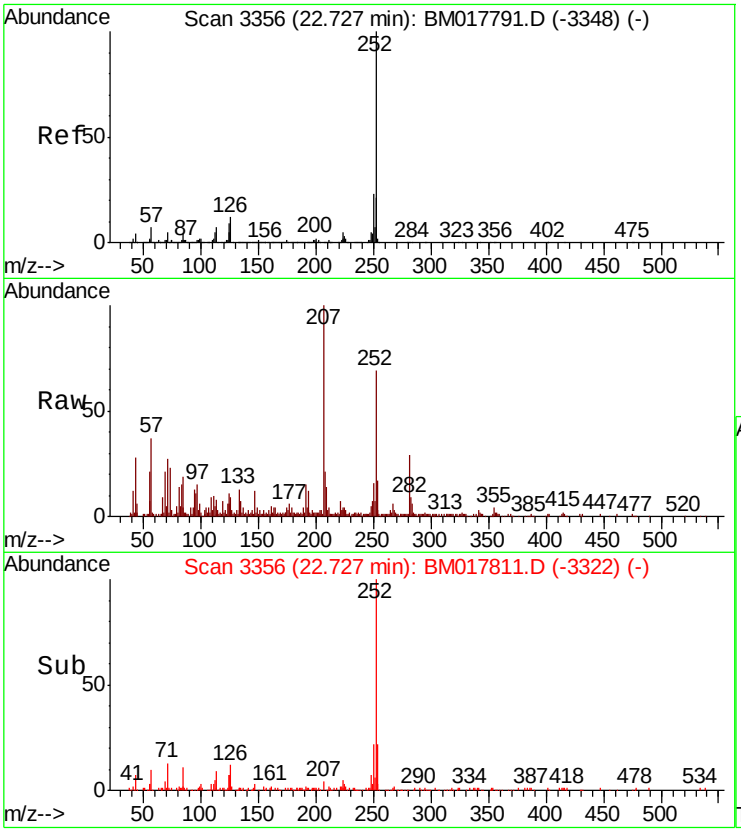


#84
Chrysene
Concen: 2.757 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM017811.D
Acq: 30 Nov 2018 00:22

Tgt Ion:228 Resp: 145445

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.7	35.5
229	20.2	15.8	23.8





#87
Benzo(b)fluoranthene
Concen: 2.336 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM017811.D
Acq: 30 Nov 2018 00:22

Instrument :
BNA_M
ClientSampleId :
CB4R1

Tgt Ion:252 Resp: 134030

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.4
125	15.3	7.3	10.9#