Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J7

Quant Time: Nov 30 01:10:45 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	250453	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1055446	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	624679	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1339673	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1102841	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	931194	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
58) Fluorene	15.29	166	62286	1.195	ng/ul#	96
69) Phenanthrene	17.03	178	557403	7.276	ng/ul	100
76) Fluoranthene	19.06	202	1132597	12.569	ng/ul	99
79) Pyrene	19.42	202	743240	11.102	ng/ul	99
82) Benzo(a)anthracene	21.17	228	383011	5.599	ng/ul	99
84) Chrysene	21.23	228	364627	5.700	ng/ul	99
87) Benzo(b)fluoranthene	22.73	252	241463	4.172	ng/ul#	92
88) Benzo(k)fluoranthene	22.77	252	86399	1.536	ng/ul#	92

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

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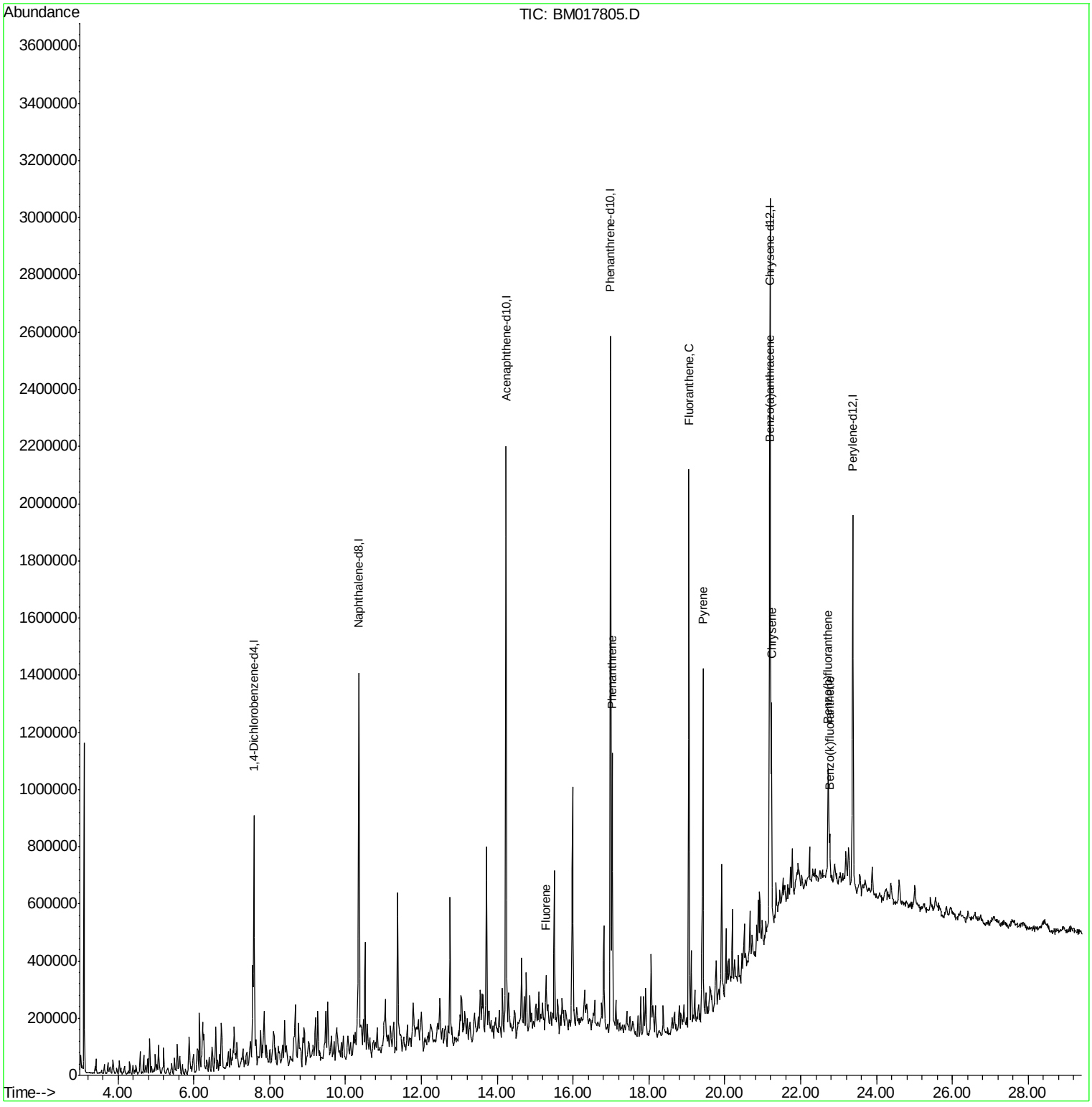
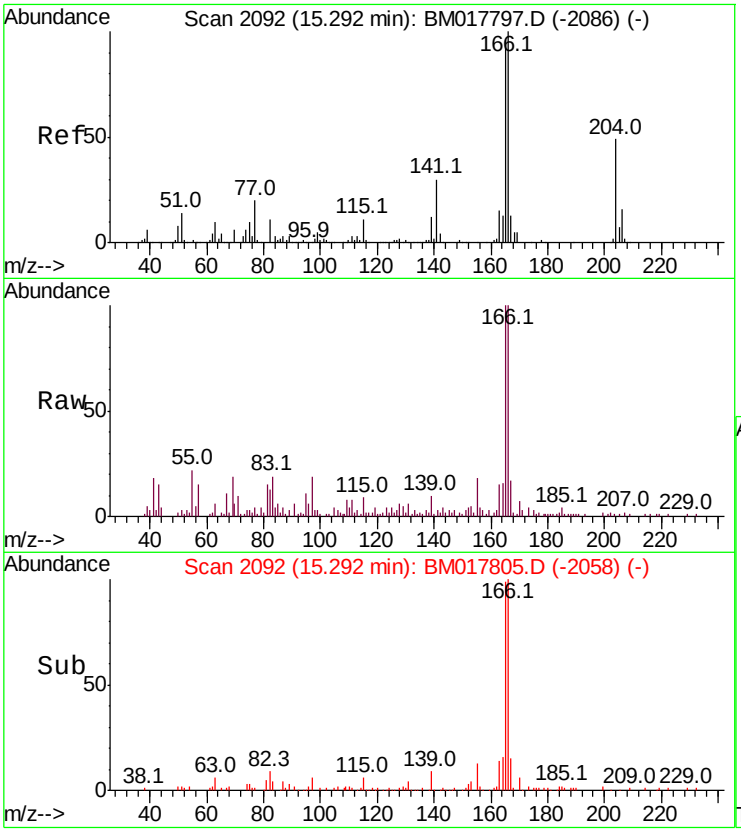


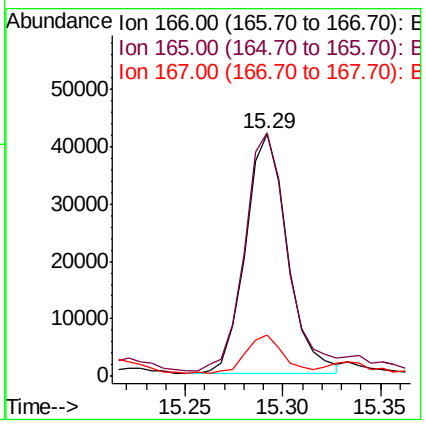


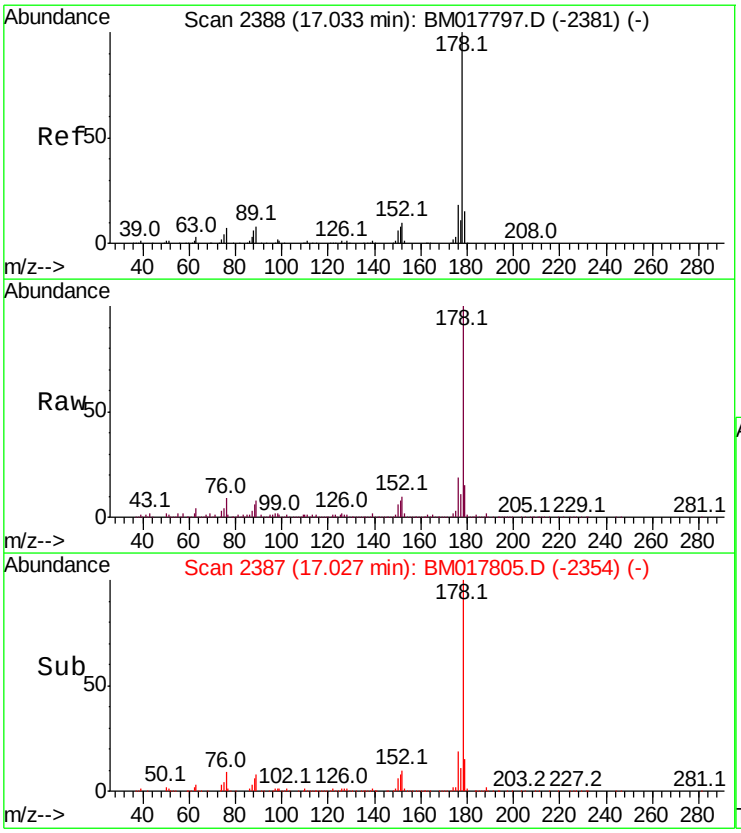
#58
Fluorene
Concen: 1.195 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BM017805.D
Acq: 29 Nov 2018 20:46

Instrument :
BNA_M
ClientSampleId :
CB4J7

Tgt Ion:166 Resp: 62286

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.0	117.0
167	16.8	10.8	16.2#

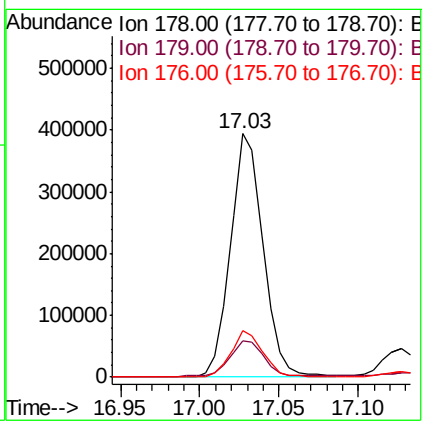


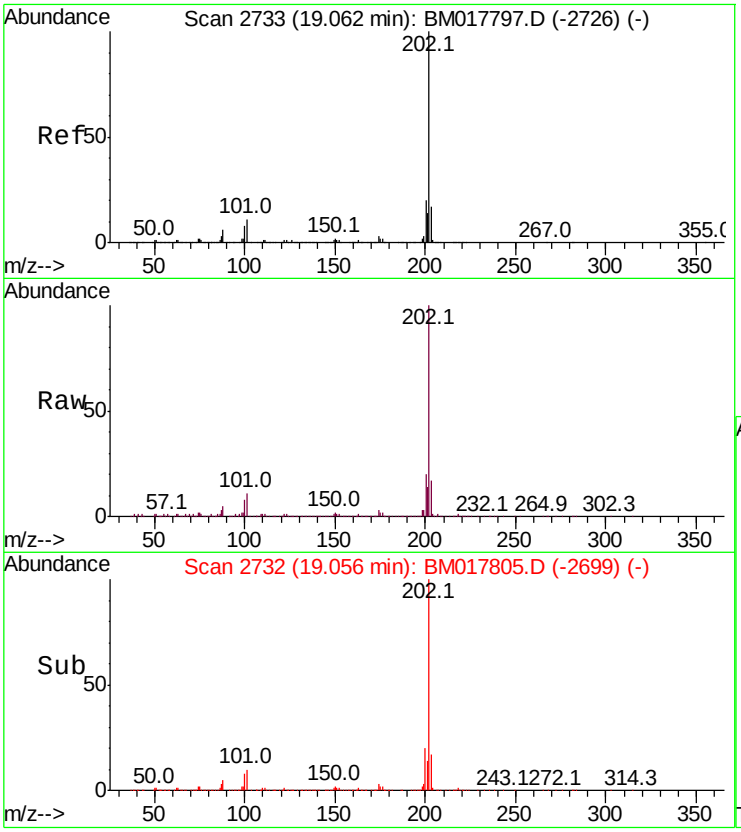


#69
Phenanthrene
Concen: 7.276 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM017805.D
Acq: 29 Nov 2018 20:46

Tgt Ion:178 Resp: 557403

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



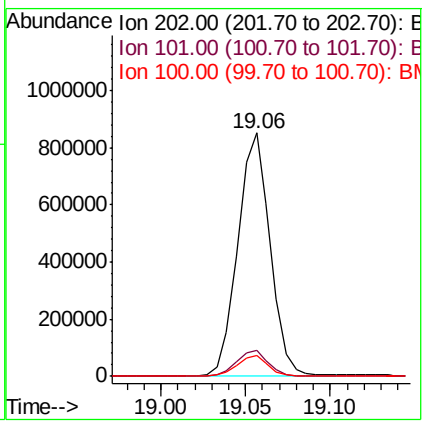


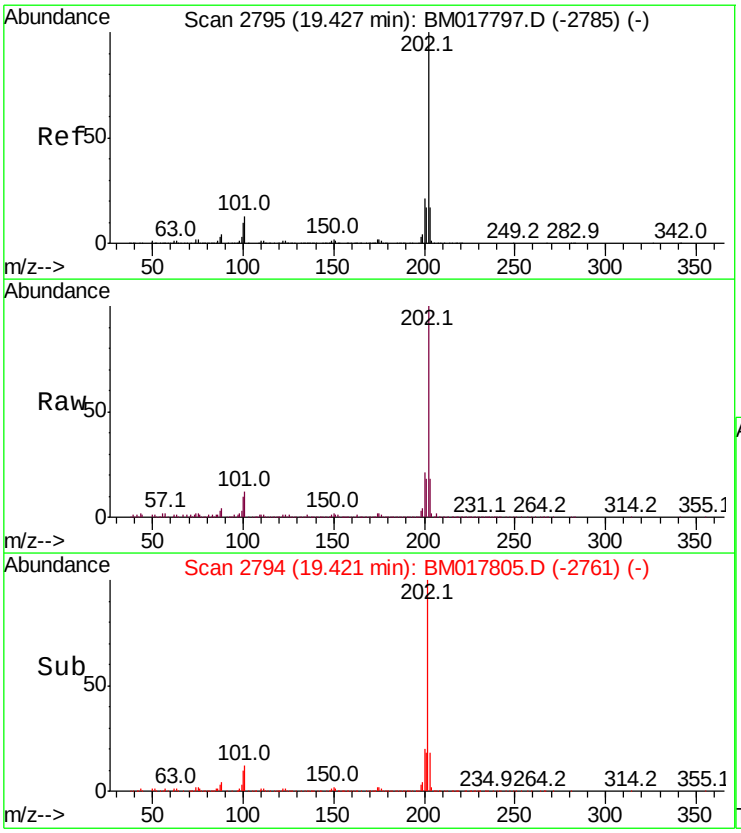
#76
Fluoranthene
Concen: 12.569 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM017805.D
Acq: 29 Nov 2018 20:46

Instrument :
BNA_M
ClientSampleId :
CB4J7

Tgt Ion:202 Resp: 1132597

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
100	8.4	6.6	9.8

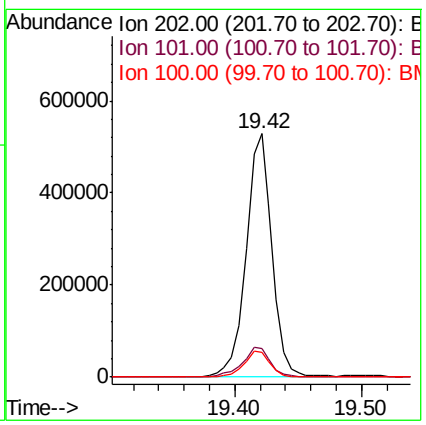


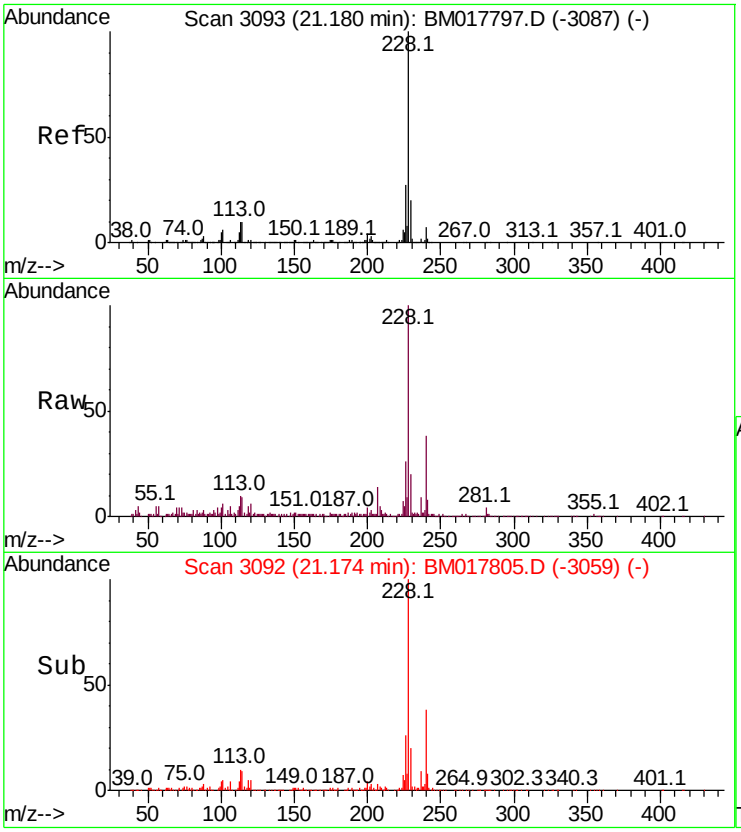


#79
Pyrene
Concen: 11.102 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM017805.D
Acq: 29 Nov 2018 20:46

Tgt Ion:202 Resp: 743240

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.6	14.4
100	10.3	7.9	11.9



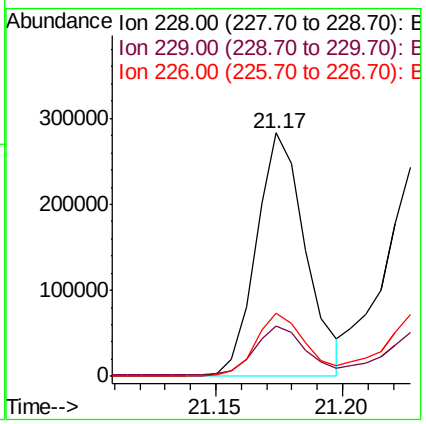


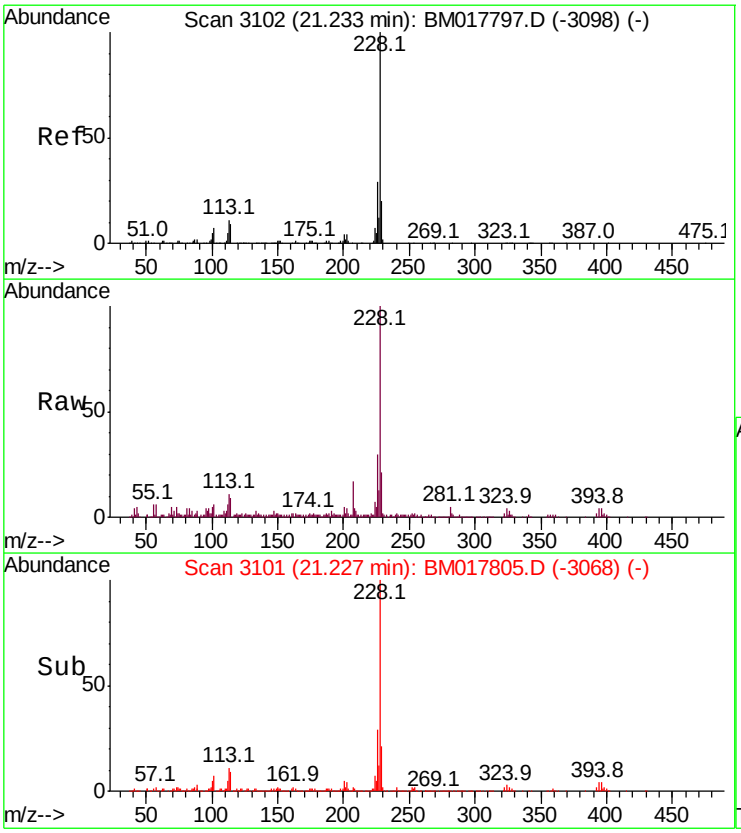
#82
Benzo(a)anthracene
Concen: 5.599 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017805.D
Acq: 29 Nov 2018 20:46

Instrument :
BNA_M
ClientSampleId :
CB4J7

Tgt Ion:228 Resp: 383011

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	26.1	21.0	31.6

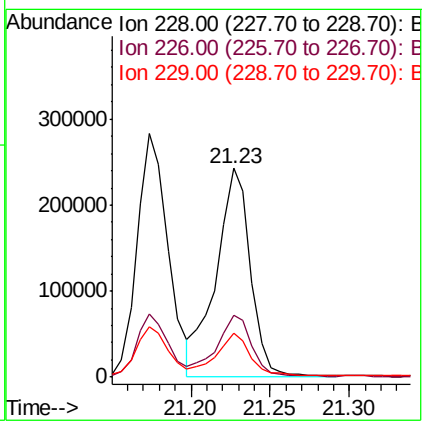


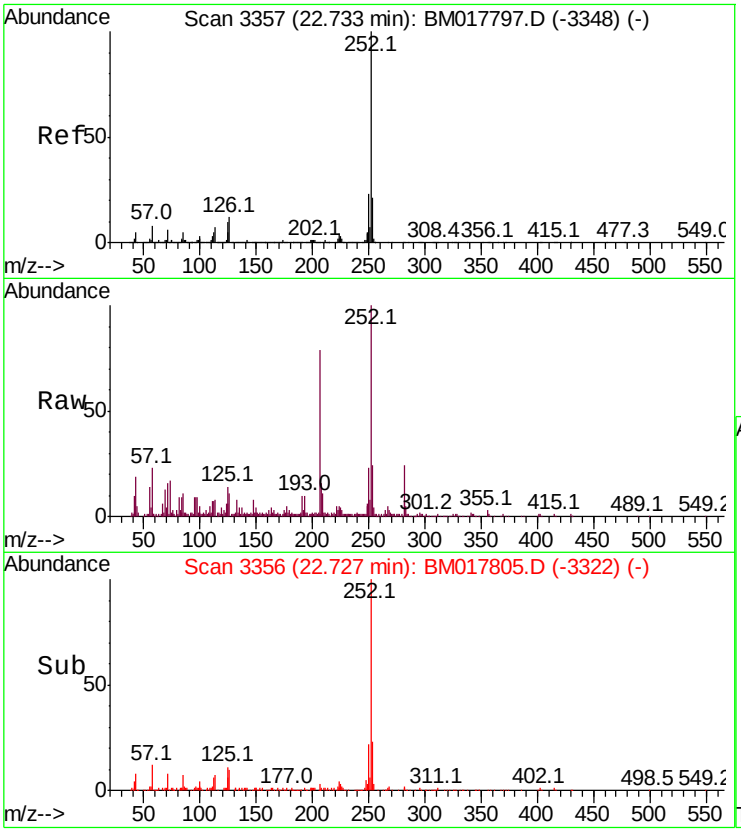


#84
Chrysene
Concen: 5.700 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM017805.D
Acq: 29 Nov 2018 20:46

Tgt Ion:228 Resp: 364627

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	21.1	15.8	23.8



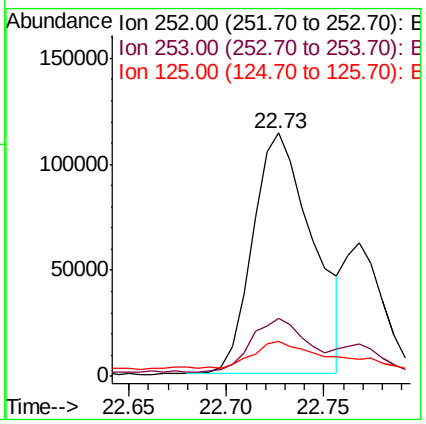


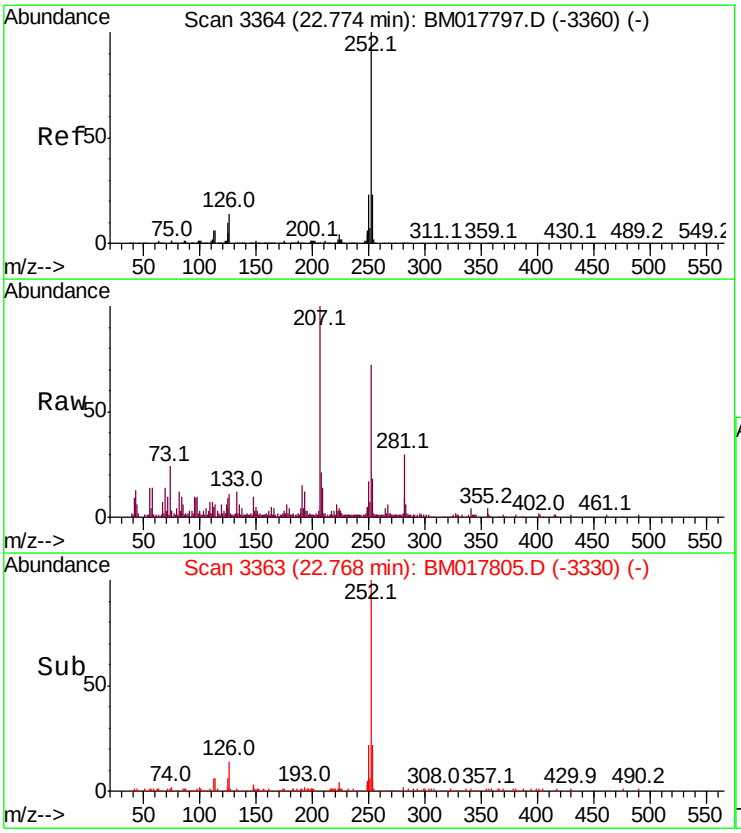
#87
Benzo(b)fluoranthene
Concen: 4.172 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM017805.D
Acq: 29 Nov 2018 20:46

Instrument :
BNA_M
ClientSampleId :
CB4J7

Tgt Ion:252 Resp: 241463

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.4
125	14.2	7.3	10.9#





#88
Benzo(k)fluoranthene
Concen: 1.536 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BM017805.D
Acq: 29 Nov 2018 20:46

Tgt Ion:252 Resp: 86399

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	13.0	7.1	10.7#