Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017383.D
Acq On : 27 Oct 2018 12:22
Operator : MJ/SJ
Sample : J5673-12
Misc : GCMS Confirmation
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL6

Quant Time: Oct 29 02:44:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	297482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1310610	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	762790	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1679587	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1790014	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	1612006	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	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	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	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	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	0d	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
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	80250	3.130	ng/ul	98
70) Phenanthrene	17.09	178	173189	1.796	ng/ul#	67
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	101886	4.302	ng/uL	98
77) Fluoranthene	19.12	202	275196	2.489	ng/ul#	95
80) Pyrene	19.49	202	158372	1.524	ng/ul#	93
85) Chrysene	21.29	228	149706	1.437	ng/ul#	87

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

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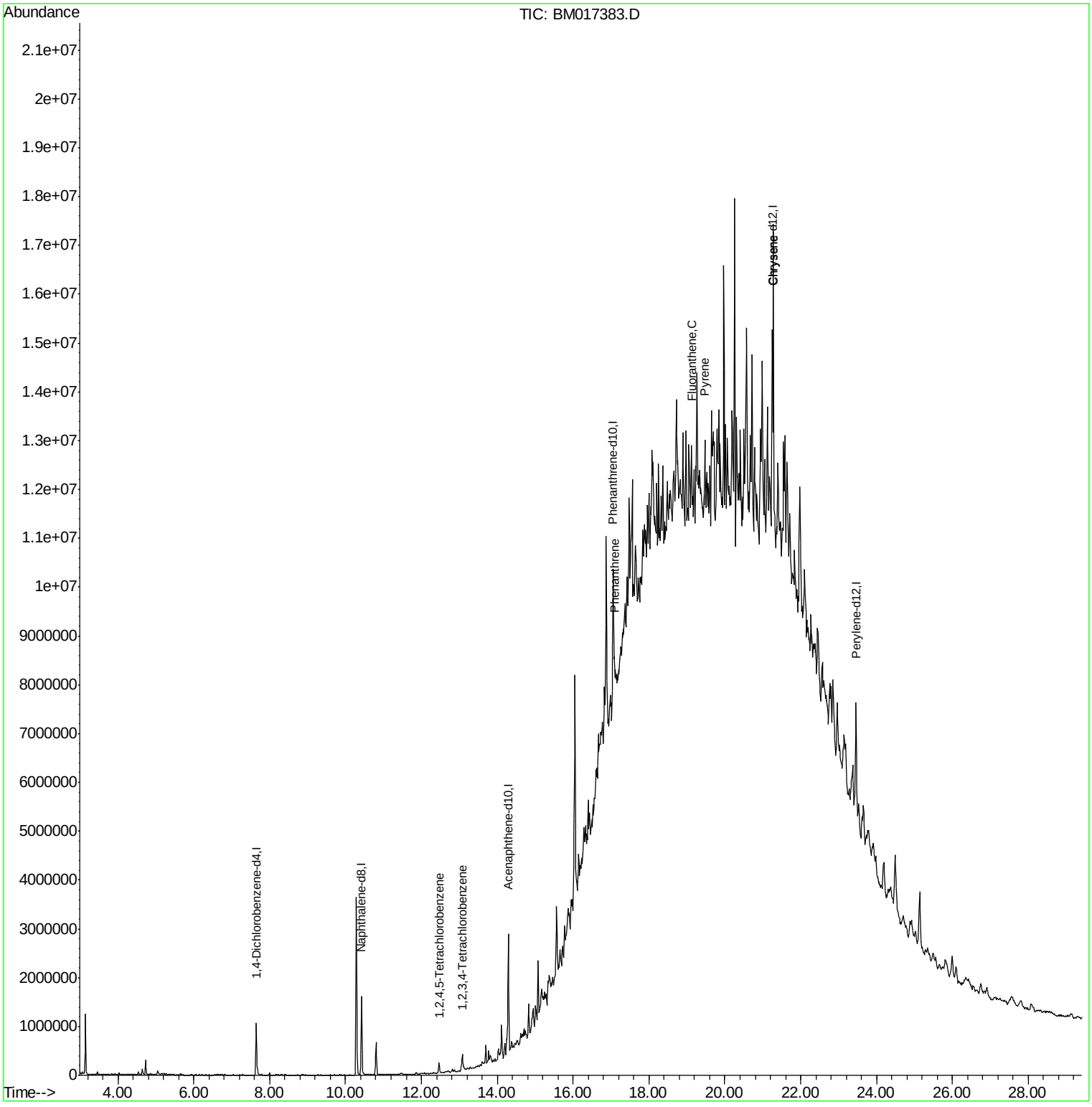
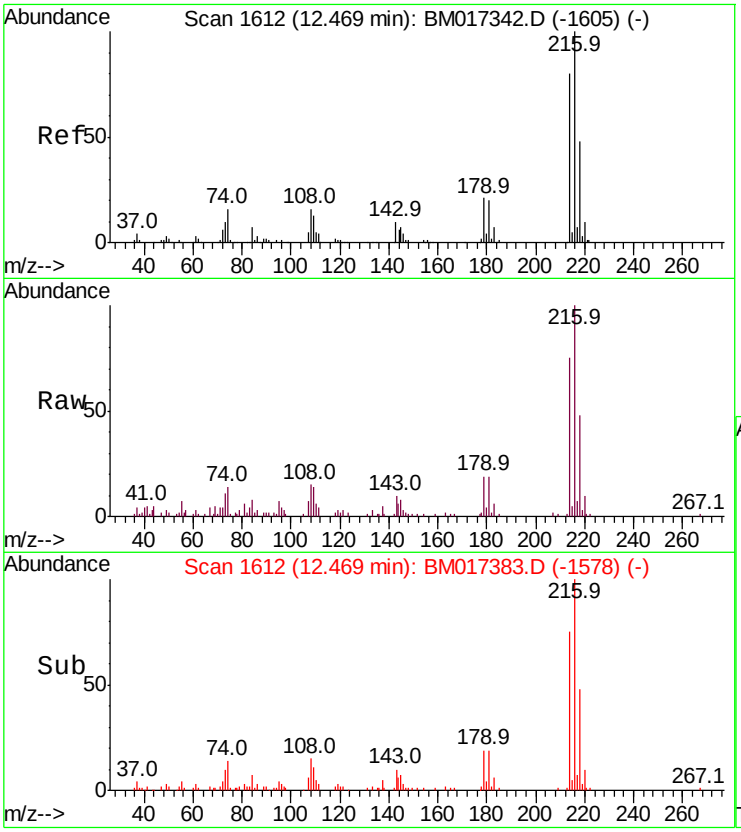


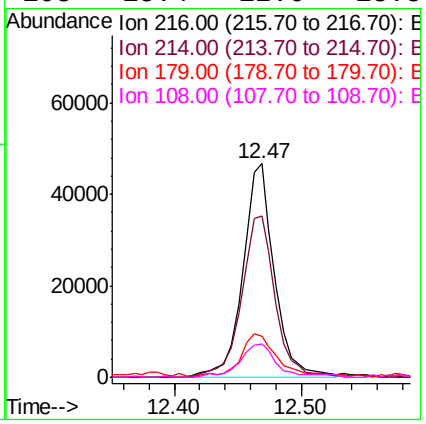


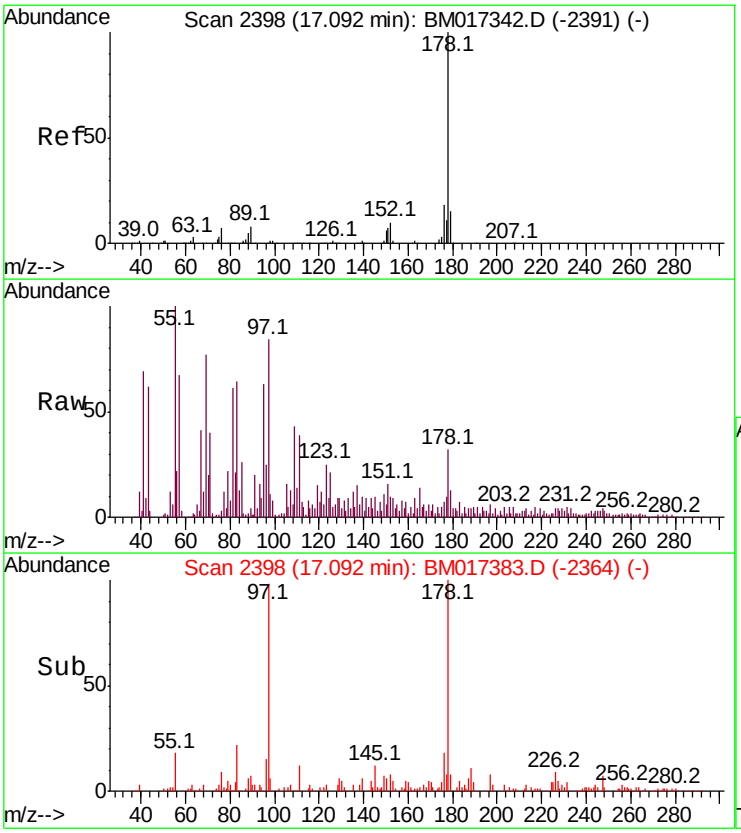
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.130 ng/ul
RT: 12.47 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BM017383.D
Acq: 27 Oct 2018 12:22

Instrument :
BNA_M
ClientSampleId :
C0BL6

Tgt Ion:216 Resp: 80250

Ion	Ratio	Lower	Upper
216	100		
214	75.4	61.7	92.5
179	19.3	16.0	24.0
108	15.4	12.6	18.8

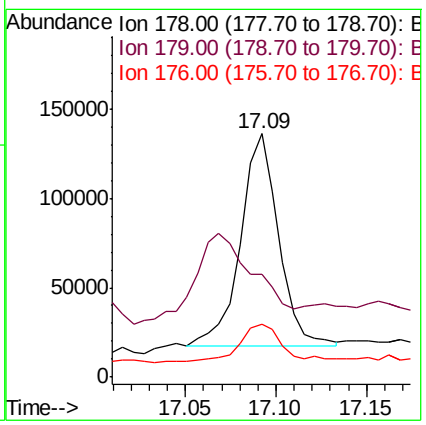


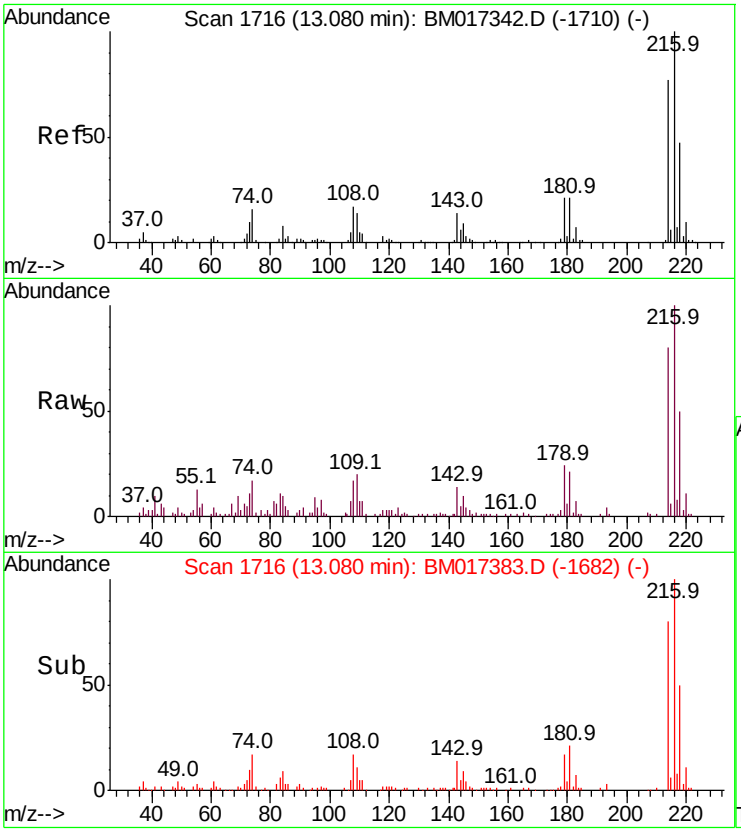


#70
Phenanthrene
Concen: 1.796 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM017383.D
Acq: 27 Oct 2018 12:22

Tgt Ion:178 Resp: 173189

Ion	Ratio	Lower	Upper
178	100		
179	42.0	12.2	18.2#
176	21.9	14.9	22.3



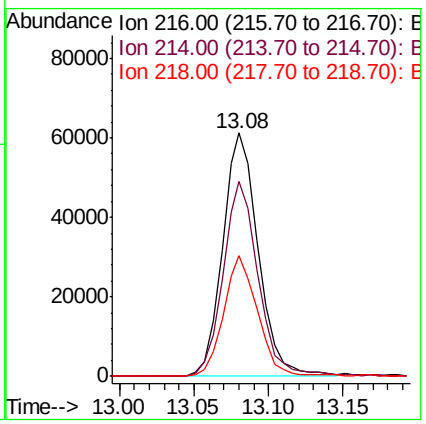


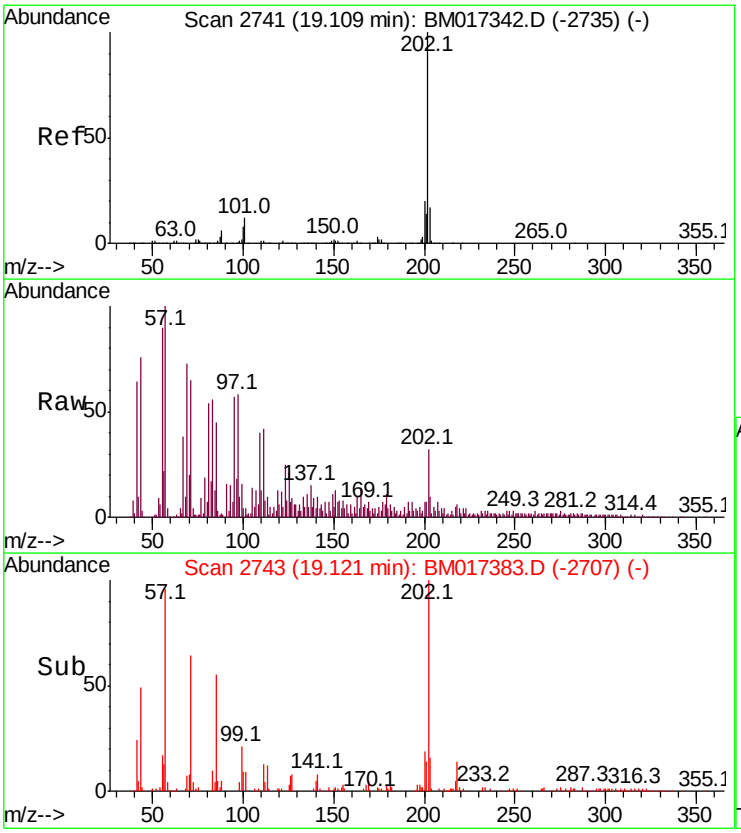
#73
1,2,3,4-Tetrachlorobenzene
Concen: 4.302 ng/uL
RT: 13.08 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM017383.D
Acq: 27 Oct 2018 12:22

Instrument :
BNA_M
ClientSampleId :
C0BL6

Tgt Ion:216 Resp: 101886

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.0
218	49.7	37.3	55.9

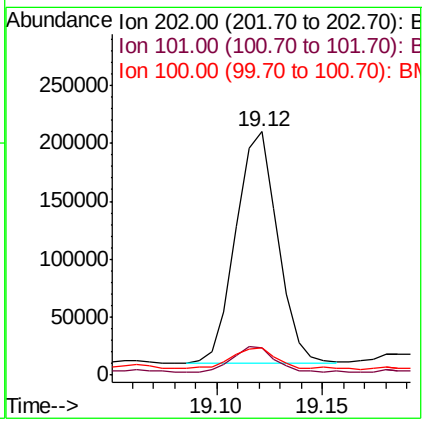


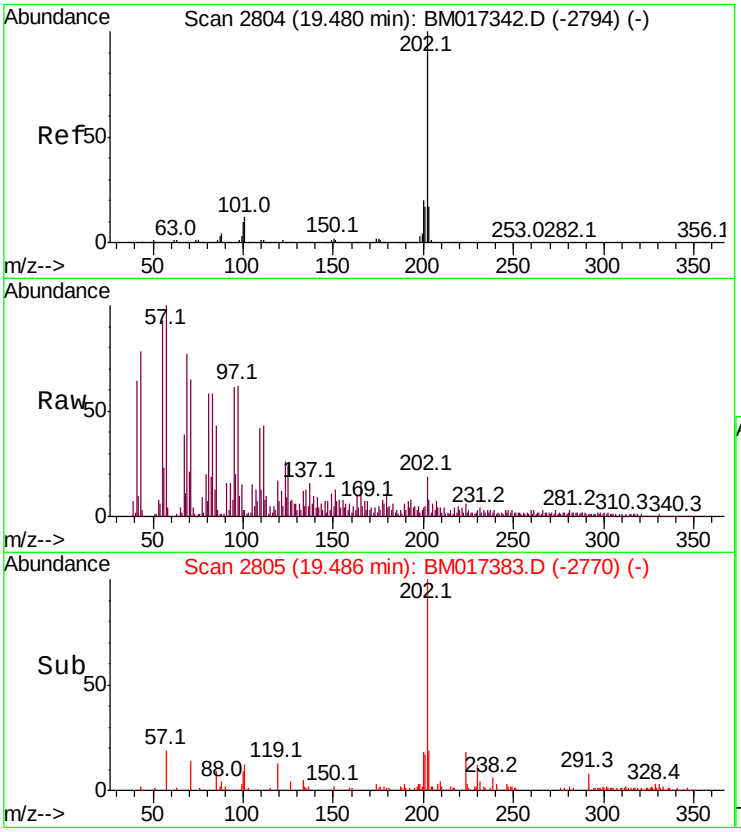


#77
Fluoranthene
Concen: 2.489 ng/ul
RT: 19.12 min Scan# 2743
Delta R.T. 0.01 min
Lab File: BM017383.D
Acq: 27 Oct 2018 12:22

Tgt Ion:202 Resp: 275196

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.2	12.4
100	11.3	6.3	9.5#



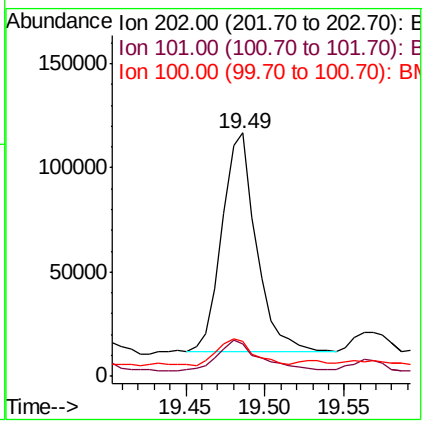


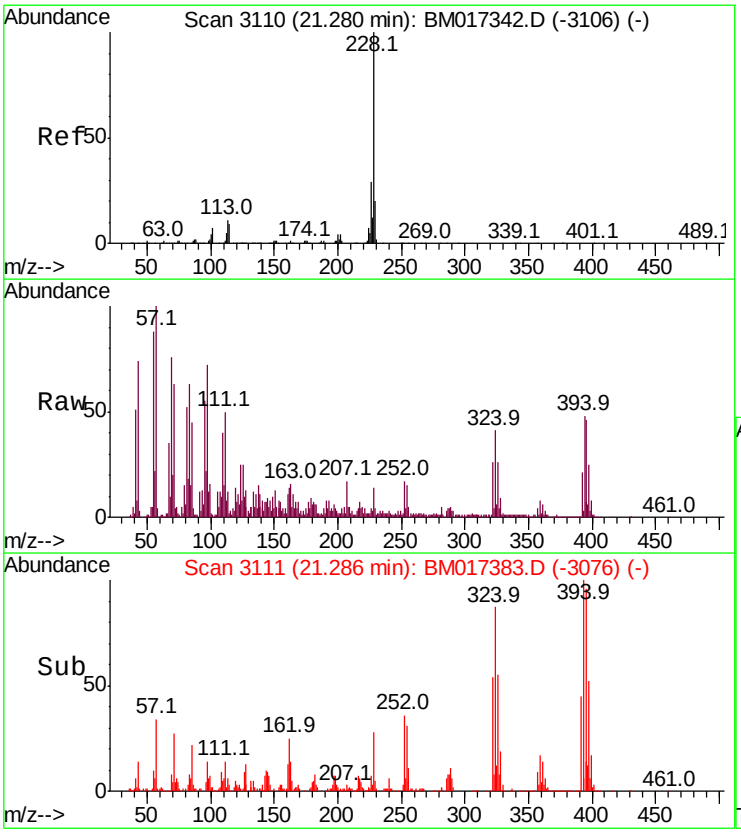
#80
Pyrene
Concen: 1.524 ng/ul
RT: 19.49 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM017383.D
Acq: 27 Oct 2018 12:22

Instrument :
BNA_M
ClientSampleId :
C0BL6

Tgt Ion:202 Resp: 158372

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.5	14.3
100	14.3	8.1	12.1#





#85
Chrysene
Concen: 1.437 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BM017383.D
Acq: 27 Oct 2018 12:22

Tgt Ion:228 Resp: 149706

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.3	34.9
229	31.3	15.6	23.4#