Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016961.D
Acq On : 02 Oct 2018 15:04
Operator : MJ/SJ
Sample : J5126-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B99

Quant Time: Oct 03 01:55:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 02 20:15:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	330664	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1427756	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	716214	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1296526	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1078916	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1131958	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	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	12.52	216	105824	4.302	ng/ul	94
70) Phenanthrene	17.14	178	332521	4.617	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	229133	10.678	ng/uL	98
77) Fluoranthene	19.16	202	889672	10.777	ng/ul#	92
80) Pyrene	19.53	202	247082	3.730	ng/ul#	88
83) Benzo(a)anthracene	21.28	228	196117	2.936	ng/ul	99
85) Chrysene	21.33	228	426233m	6.843	ng/ul	
88) Benzo(b)fluoranthene	22.85	252	329872	4.869	ng/ul#	89
89) Benzo(k)fluoranthene	22.89	252	109466m	1.683	ng/ul	

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

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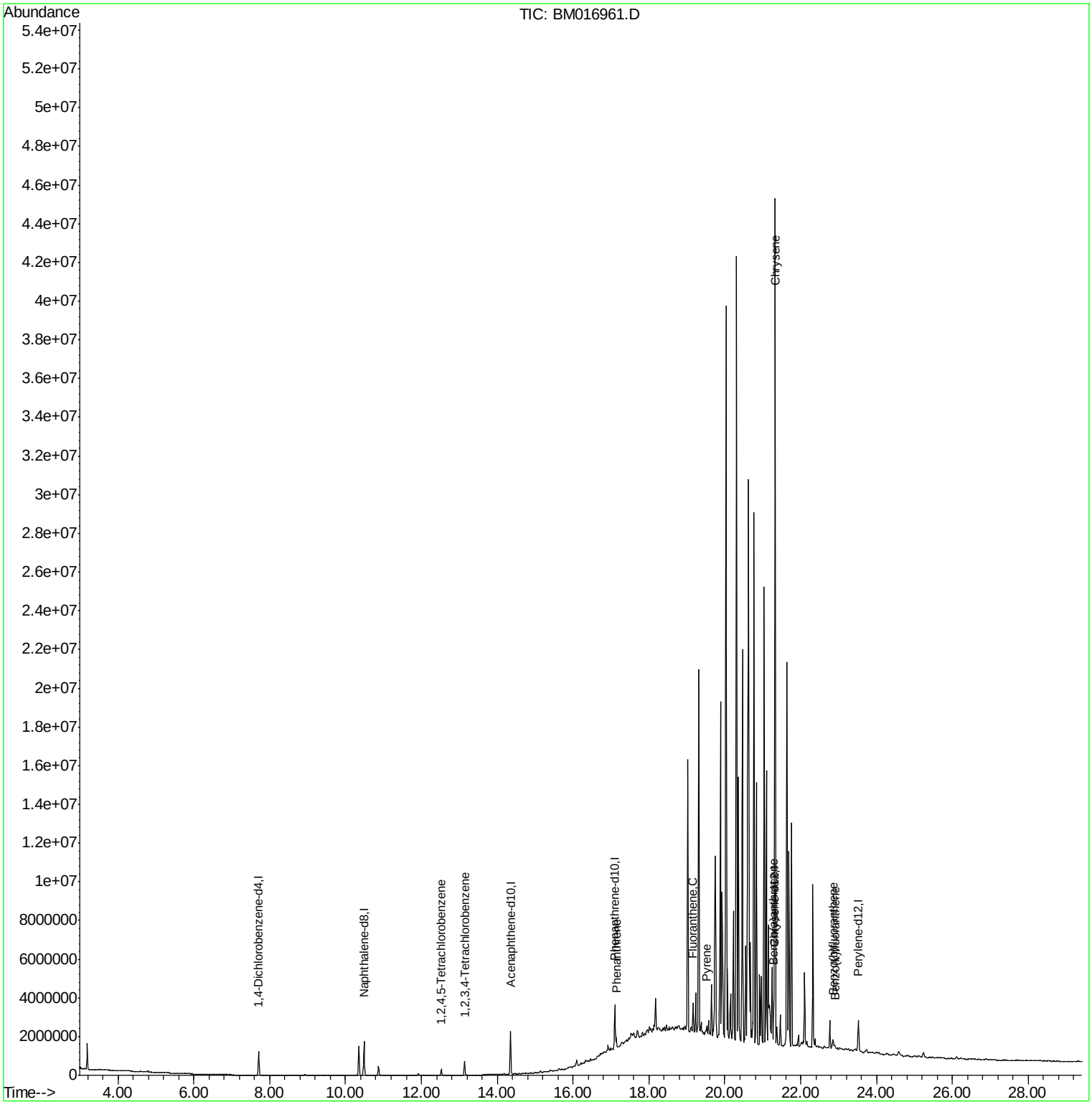
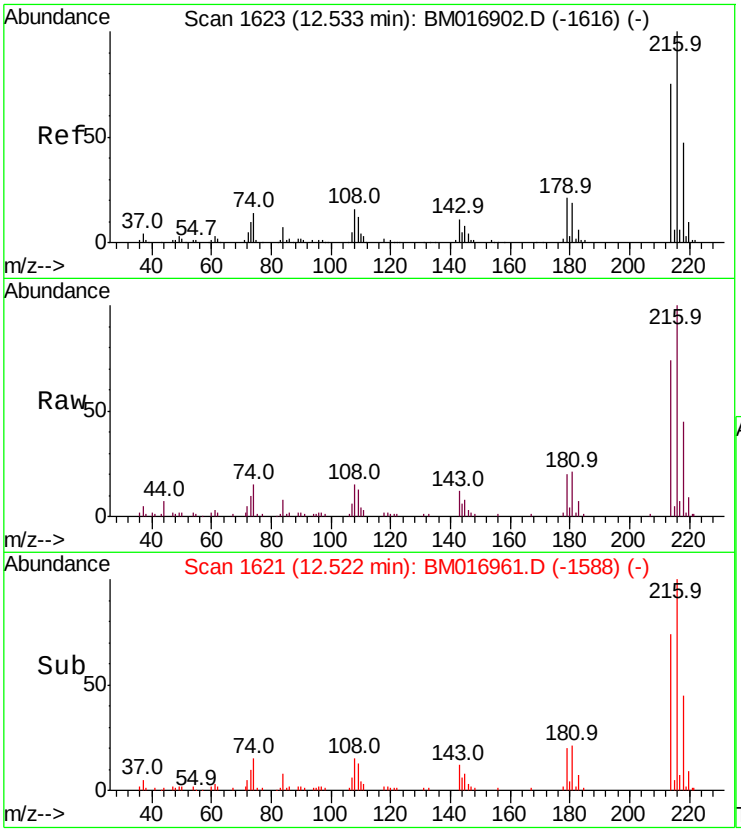


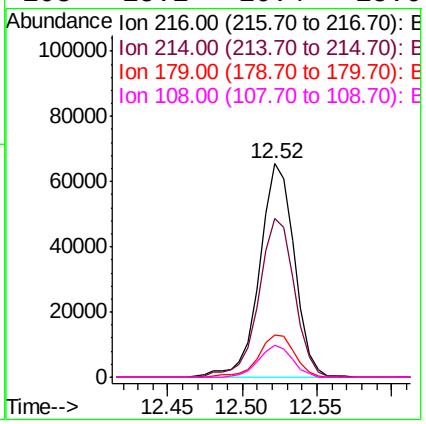


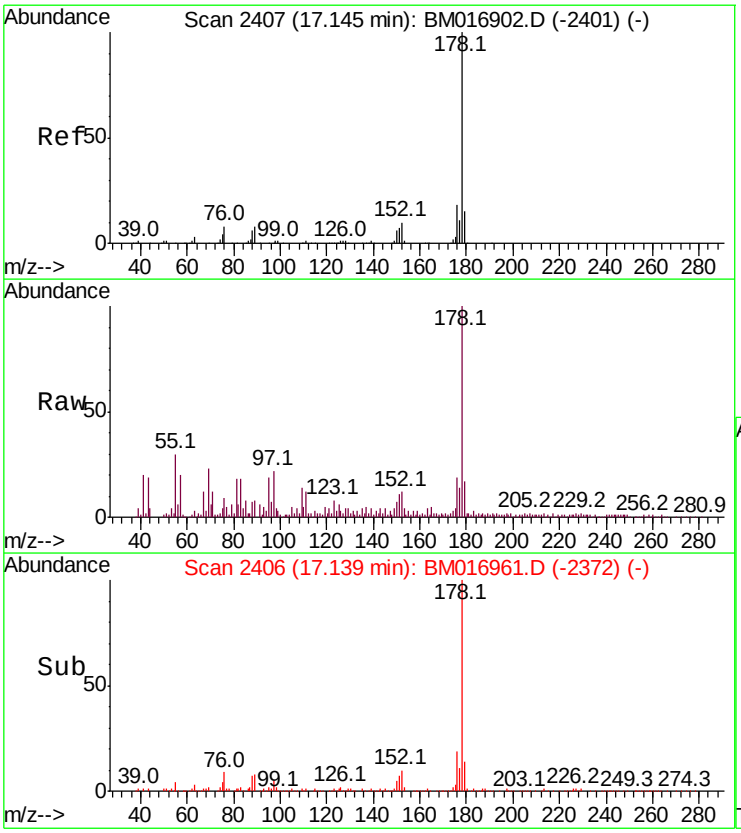
#37
1,2,4,5-Tetrachlorobenzene
Concen: 4.302 ng/ul
RT: 12.52 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BM016961.D
Acq: 02 Oct 2018 15:04

Instrument :
BNA_M
ClientSampleId :
C0B99

Tgt Ion:216 Resp: 105824

Ion	Ratio	Lower	Upper
216	100		
214	74.5	64.1	96.1
179	19.5	14.5	21.7
108	15.1	10.4	15.6

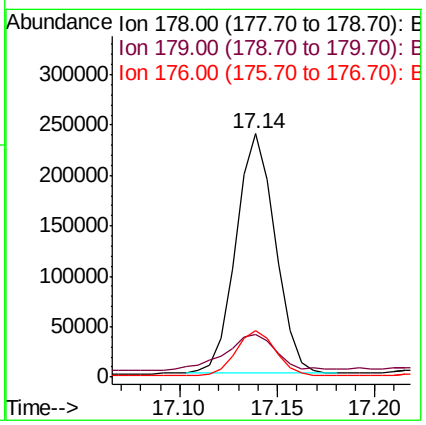


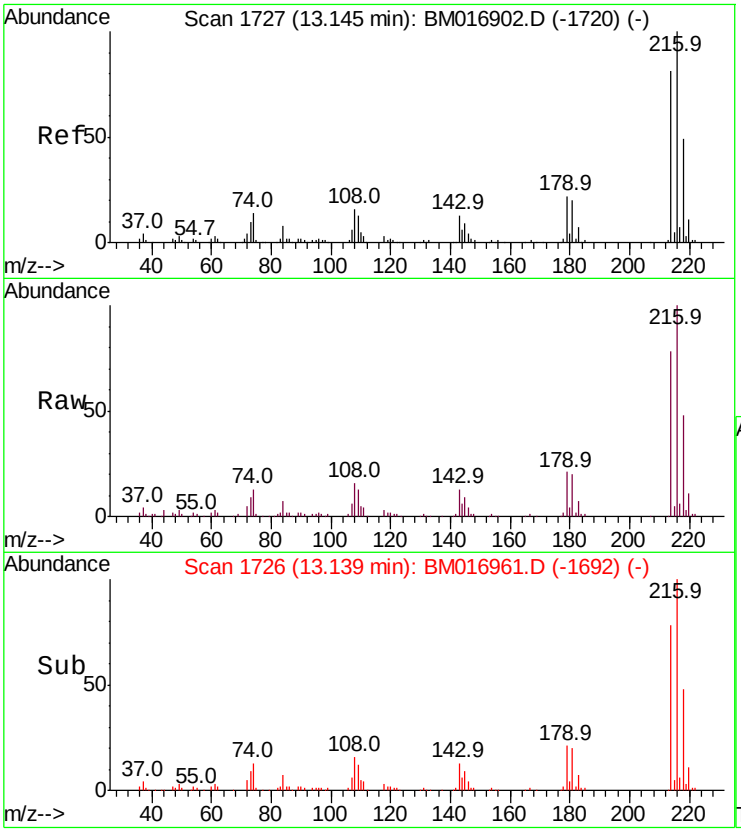


#70
Phenanthrene
Concen: 4.617 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BM016961.D
Acq: 02 Oct 2018 15:04

Tgt Ion:178 Resp: 332521

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.3	18.5
176	19.3	15.4	23.0



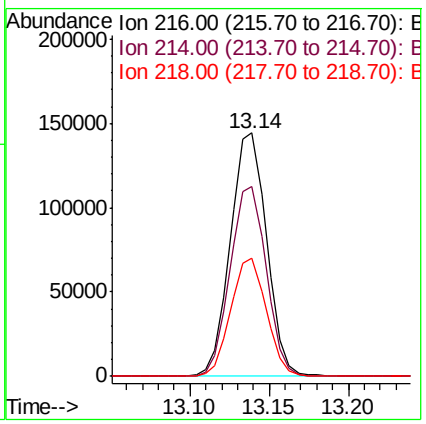


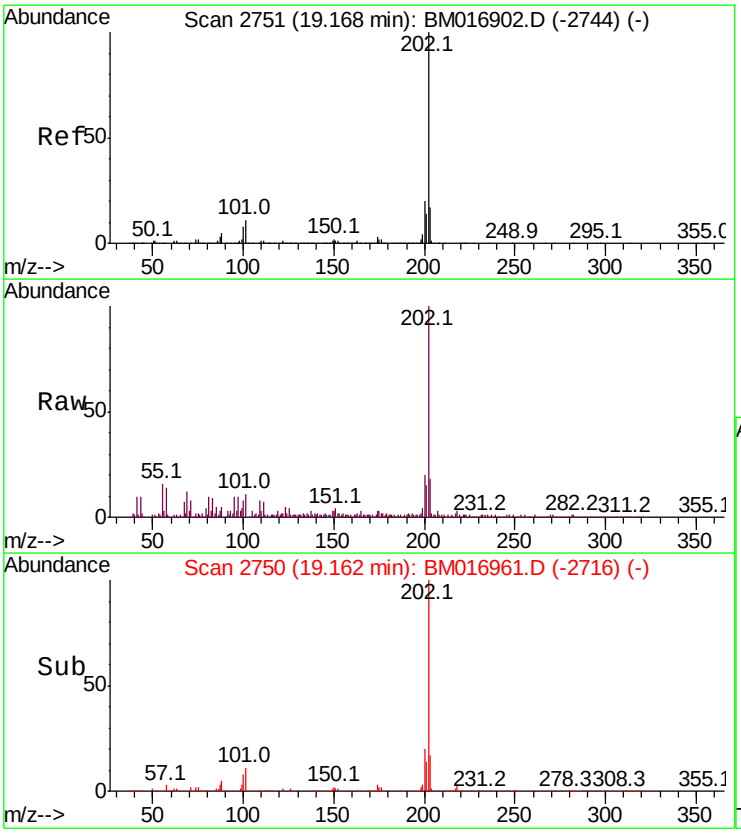
#73
1,2,3,4-Tetrachlorobenzene
Concen: 10.678 ng/uL
RT: 13.14 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM016961.D
Acq: 02 Oct 2018 15:04

Instrument :
BNA_M
ClientSampleId :
C0B99

Tgt Ion:216 Resp: 229133

Ion	Ratio	Lower	Upper
216	100		
214	77.8	64.1	96.1
218	48.3	39.4	59.0

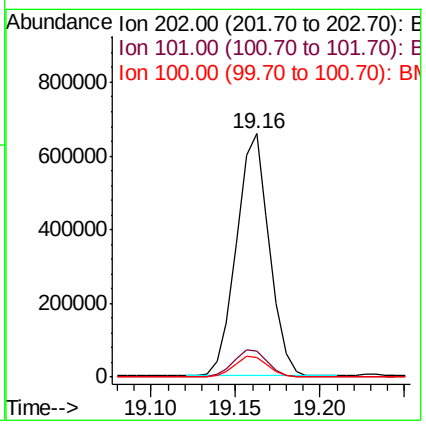


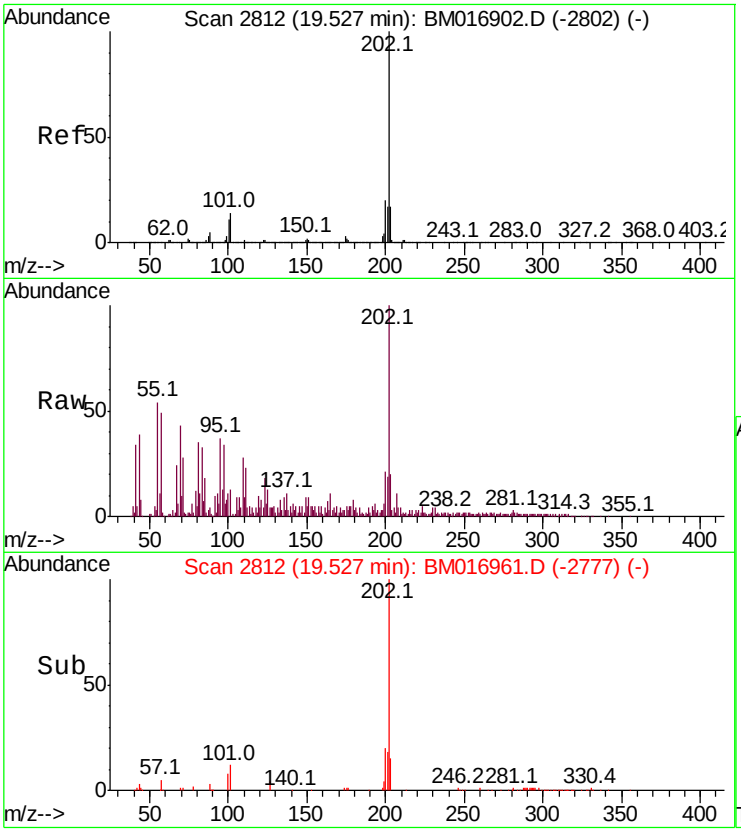


#77
Fluoranthene
Concen: 10.777 ng/ul
RT: 19.16 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BM016961.D
Acq: 02 Oct 2018 15:04

Tgt Ion:202 Resp: 889672

Ion	Ratio	Lower	Upper
202	100		
101	10.7	6.1	9.1#
100	8.2	4.6	7.0#



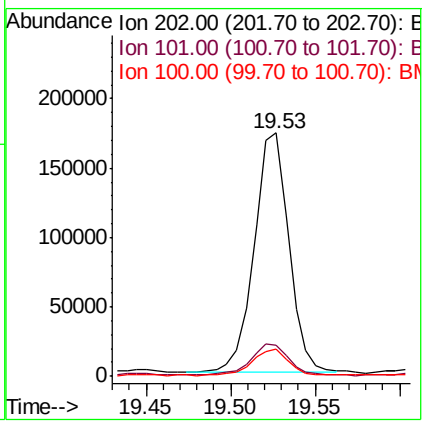


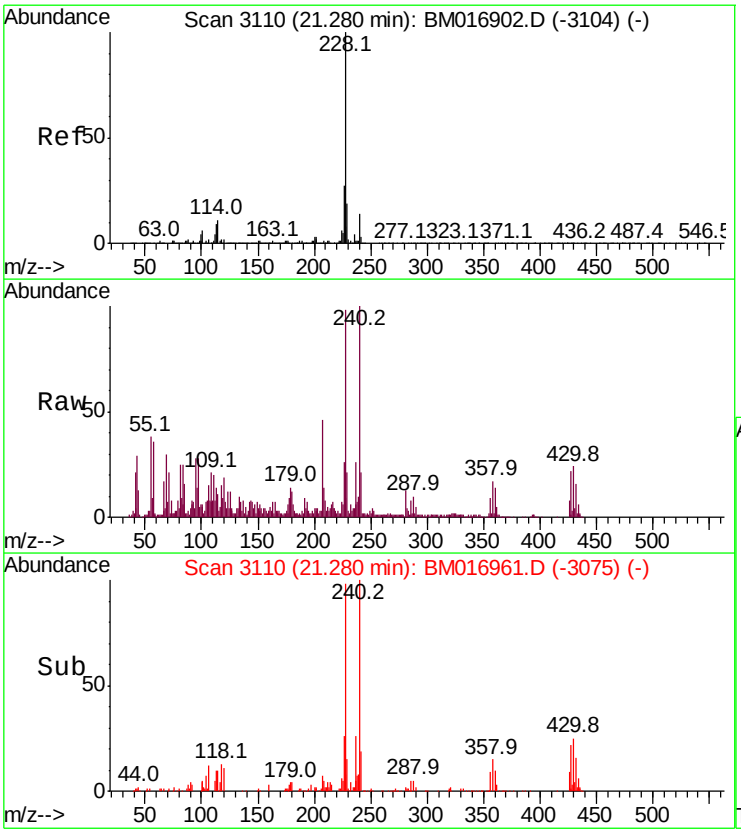
#80
Pyrene
Concen: 3.730 ng/ul
RT: 19.53 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BM016961.D
Acq: 02 Oct 2018 15:04

Instrument :
BNA_M
ClientSampleId :
C0B99

Tgt Ion:202 Resp: 247082

Ion	Ratio	Lower	Upper
202	100		
101	13.0	6.9	10.3#
100	11.4	5.6	8.4#

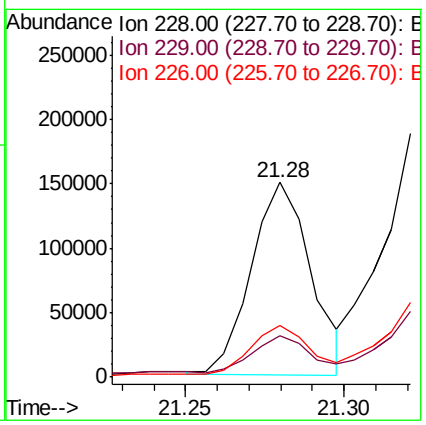


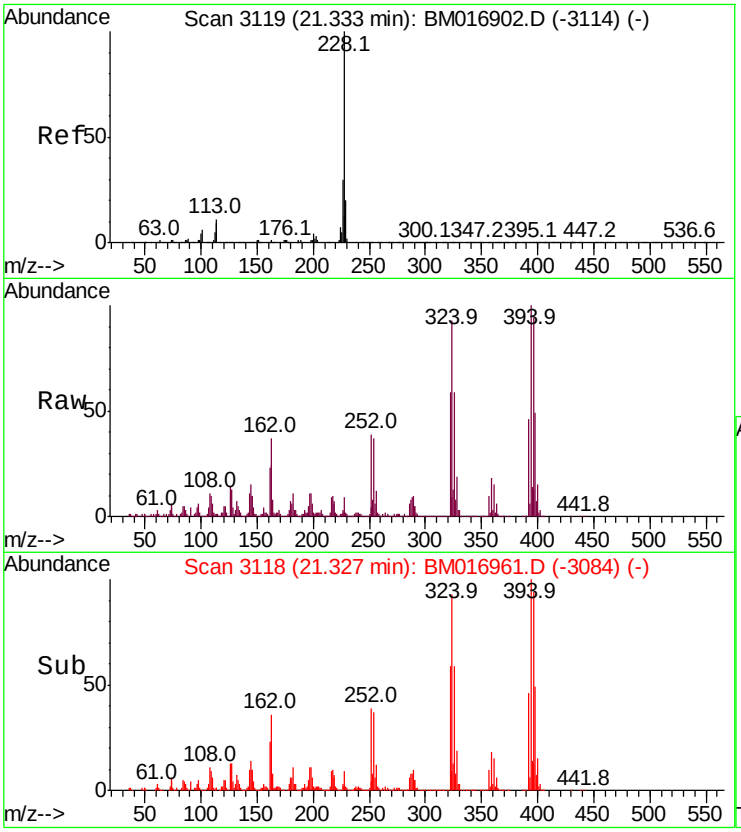


#83
Benzo(a)anthracene
Concen: 2.936 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BM016961.D
Acq: 02 Oct 2018 15:04

Tgt Ion:228 Resp: 196117

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.0	24.0
226	26.8	21.8	32.8



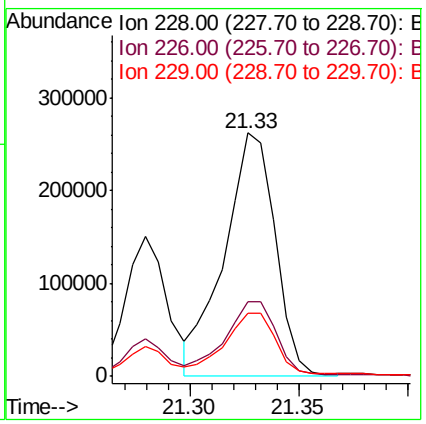


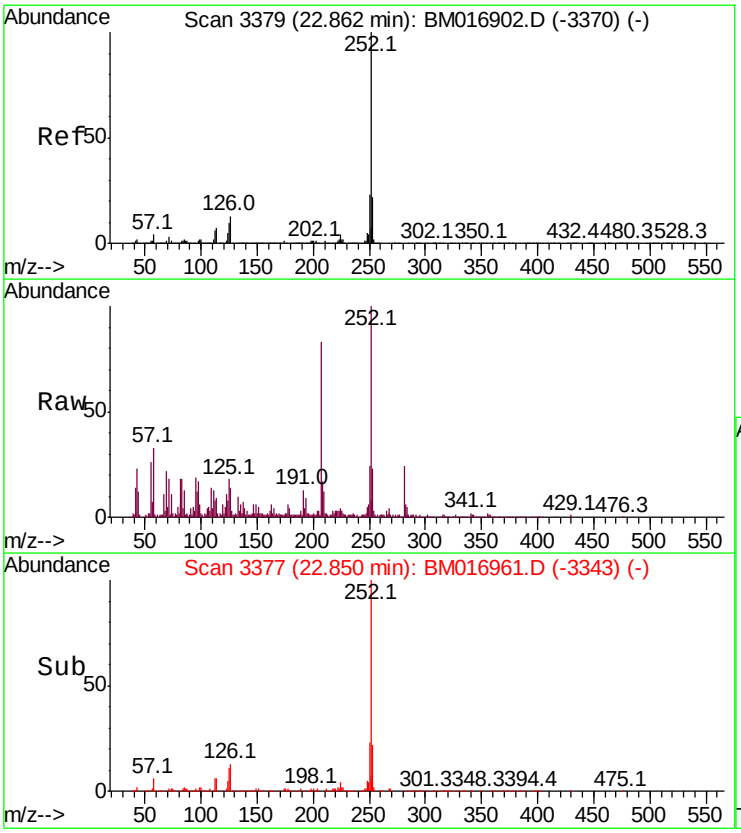
#85
Chrysene
Concen: 6.843 ng/ul m
RT: 21.33 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM016961.D
Acq: 02 Oct 2018 15:04

Instrument :
BNA_M
ClientSampleId :
C0B99

Tgt Ion:228 Resp: 426233

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	26.0	16.0	24.0#

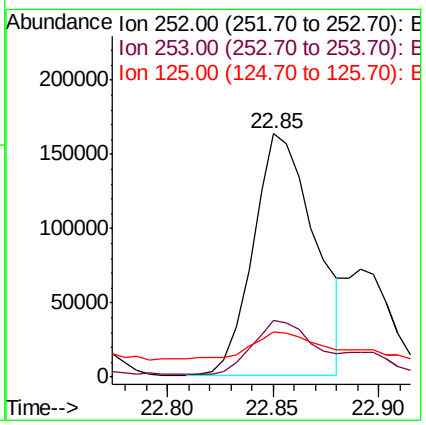


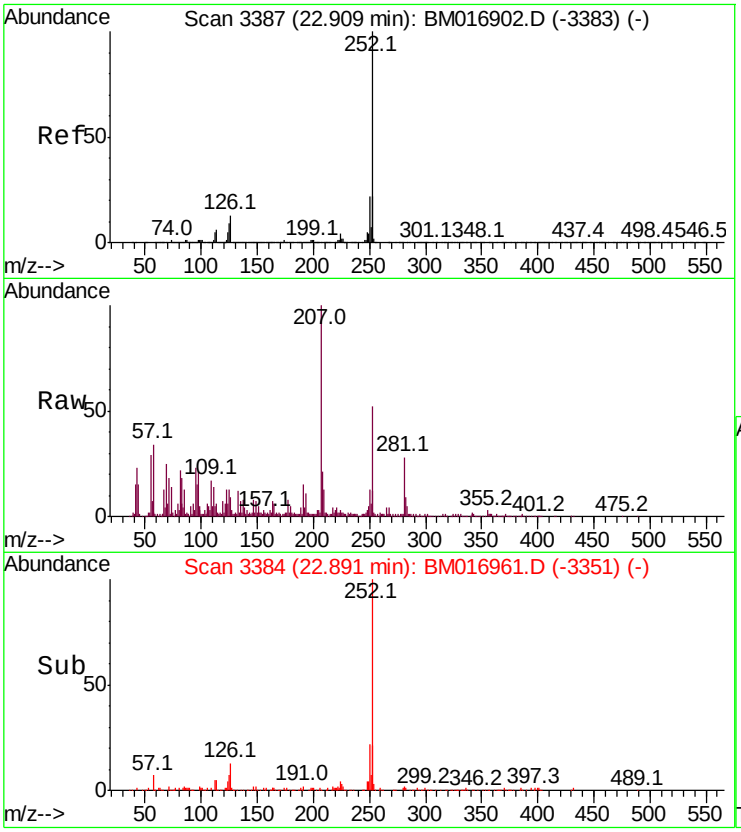


#88
Benzo(b)fluoranthene
Concen: 4.869 ng/ul
RT: 22.85 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BM016961.D
Acq: 02 Oct 2018 15:04

Tgt Ion:252 Resp: 329872

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	18.5	4.9	7.3#





#89
Benzo(k)fluoranthene
Concen: 1.683 ng/ul m
RT: 22.89 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BM016961.D
Acq: 02 Oct 2018 15:04

Instrument :
BNA_M
ClientSampleId :
C0B99

Tgt Ion:252 Resp: 109466

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	25.6	5.4	8.0#