Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
Data File : BM016165.D
Acq On : 02 Aug 2018 21:27
Operator : SJ/JU
Sample : J4171-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 03 01:12:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 03 01:12:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	61593	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	252018	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	125056	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	242640	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	230217	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	240244	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	5765	4.12	ng/uL	0.00
5) Phenol-d5	7.35	99	93896	16.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	69878	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	93697	20.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	76274	15.82	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	41570	22.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	47414	23.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	78787	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	94058	19.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	236610	20.76	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	284827	21.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	19421	9.83	ng/ul	0.01
57) Fluorene-d10	15.80	176	191895	19.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	19573	12.09	ng/ul	0.00
70) Anthracene-d10	17.64	188	262328	21.12	ng/ul	0.00
78) Pyrene-d10	19.91	212	275227	25.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.88	264	291668	22.07	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.27	163	25757	2.282	ng/ul	99
69) Phenanthrene	17.59	178	16981	1.184	ng/ul	98
71) Anthracene	17.59	178	16981	1.148	ng/ul	97
76) Fluoranthene	19.58	202	49062	2.725	ng/ul#	92
79) Pyrene	19.94	202	51777	3.815	ng/ul#	95
82) Benzo(a)anthracene	21.66	228	23925	1.607	ng/ul	96
84) Chrysene	21.66	228	23925	1.718	ng/ul	95
87) Benzo(b)fluoranthene	23.32	252	31005	2.012	ng/ul#	86
88) Benzo(k)fluoranthene	23.32	252	31005	2.105	ng/ul#	85
90) Benzo(a)pyrene	23.92	252	24675	1.665	ng/ul#	82
91) Indeno(1,2,3-cd)pyrene	26.43	276	19467	1.069	ng/ul#	84
93) Benzo(g,h,i)perylene	27.18	276	18743	1.287	ng/ul#	93

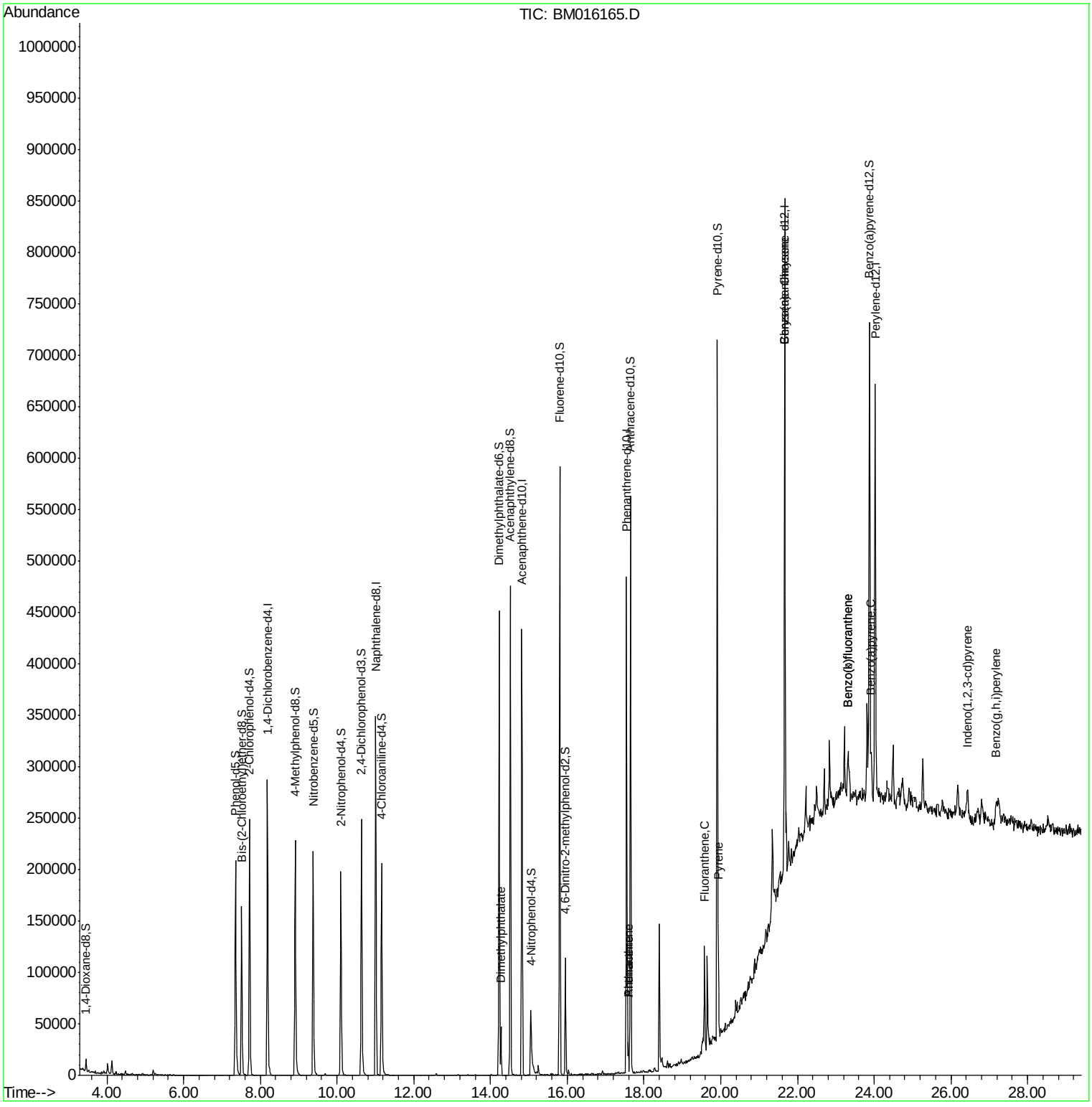
(#) = qualifier out of range (m) = manual integration (+) = signals summed

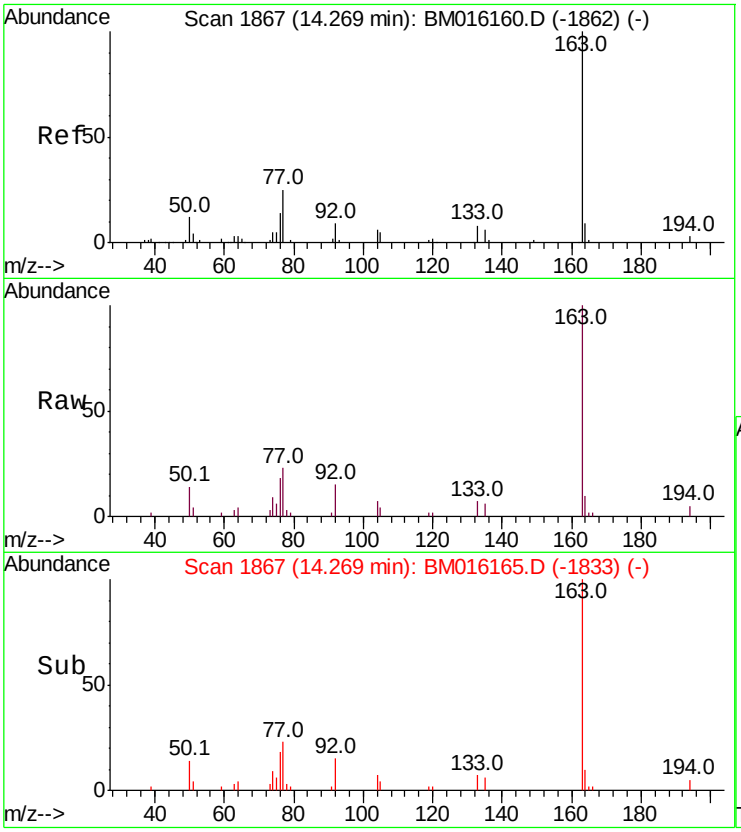
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
Data File : BM016165.D
Acq On : 02 Aug 2018 21:27
Operator : SJ/JU
Sample : J4171-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 03 01:12:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 03 01:12:01 2018
Response via : Initial Calibration



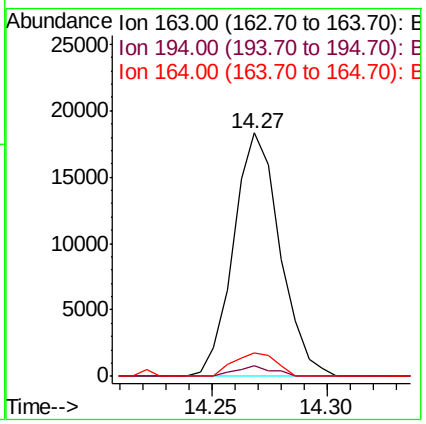


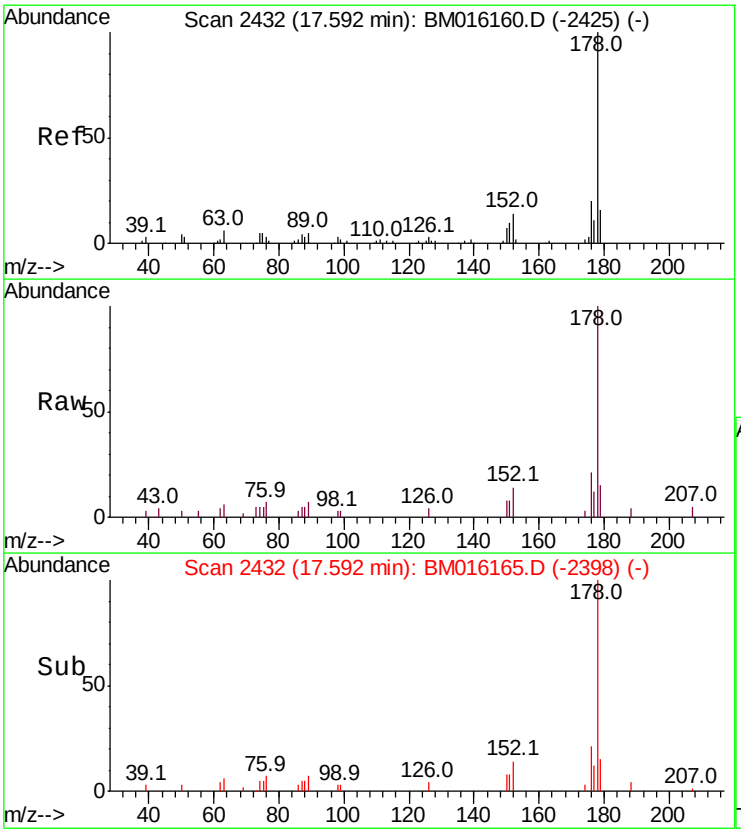
#44
Dimethylphthalate
Concen: 2.282 ng/ul
RT: 14.27 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 25757

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	9.7	7.8	11.8

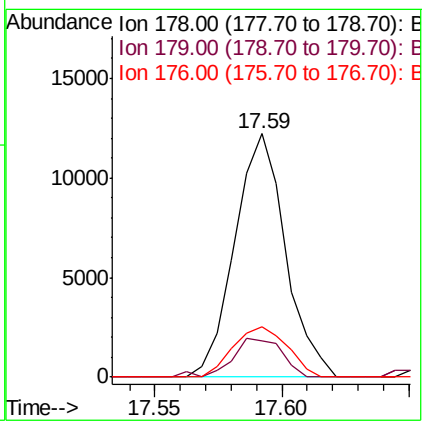


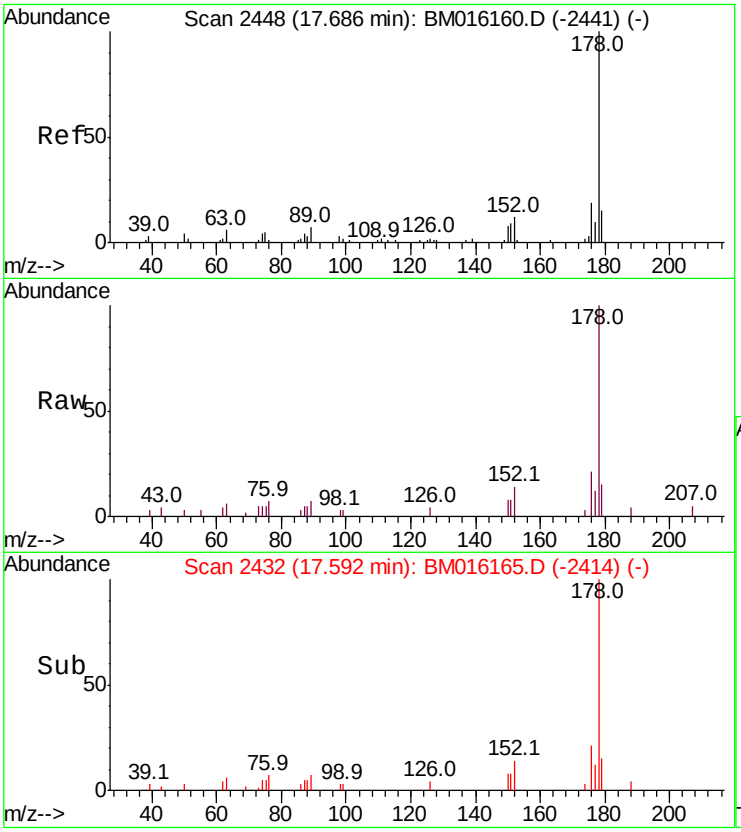


#69
Phenanthrene
Concen: 1.184 ng/ul
RT: 17.59 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Tgt Ion:178 Resp: 16981

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	20.9	15.6	23.4



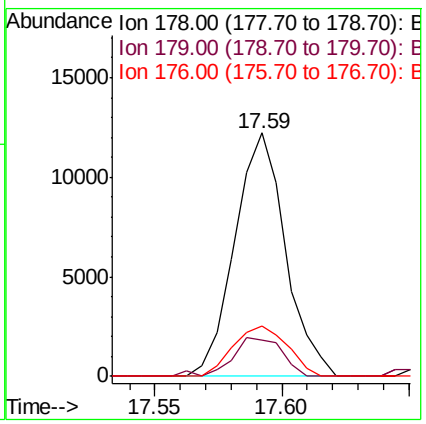


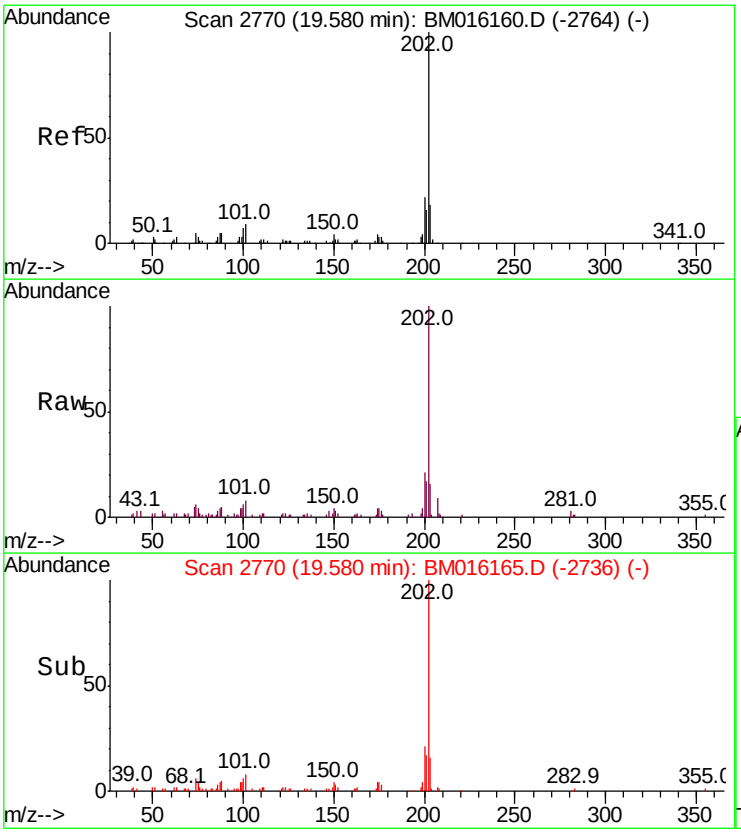
#71
Anthracene
Concen: 1.148 ng/ul
RT: 17.59 min Scan# 2432
Delta R.T. -0.09 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 16981

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.1	18.1
176	20.9	14.8	22.2

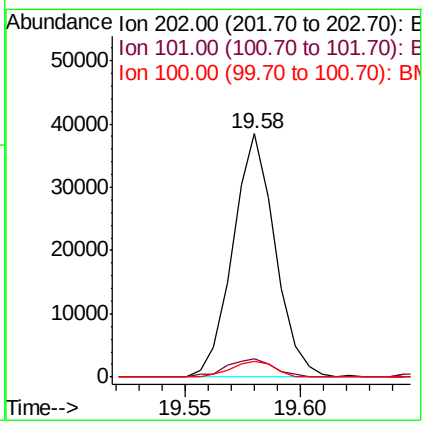


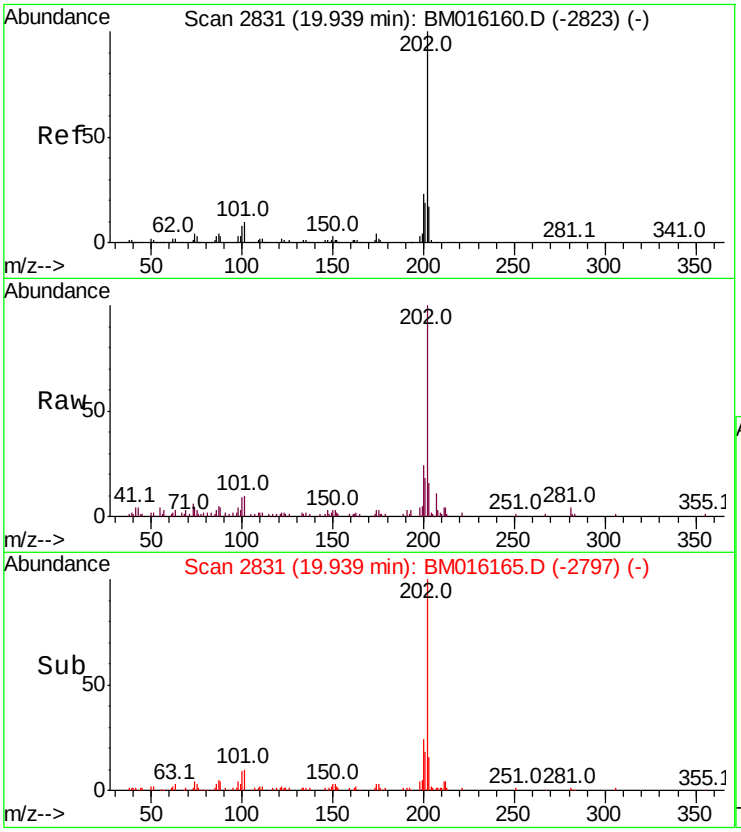


#76
Fluoranthene
Concen: 2.725 ng/ul
RT: 19.58 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Tgt Ion:202 Resp: 49062

Ion	Ratio	Lower	Upper
202	100		
101	7.5	8.8	13.2#
100	6.3	6.6	9.8#



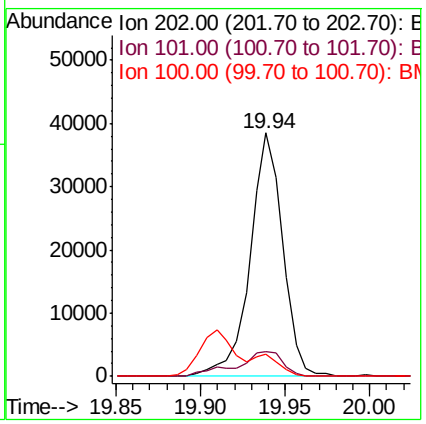


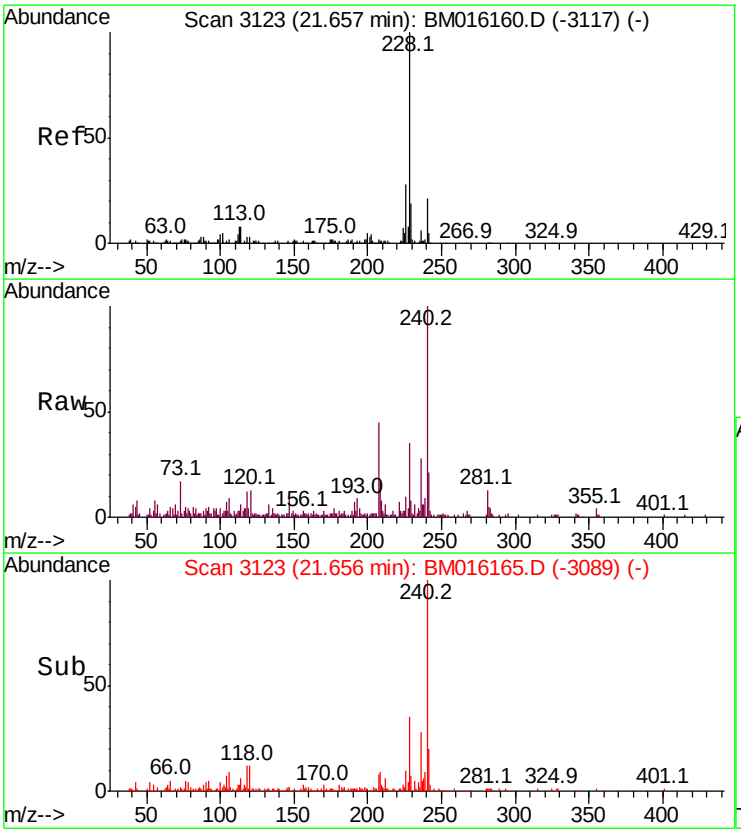
#79
Pyrene
Concen: 3.815 ng/ul
RT: 19.94 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 51777

Ion	Ratio	Lower	Upper
202	100		
101	10.2	10.2	15.2#
100	9.3	8.5	12.7

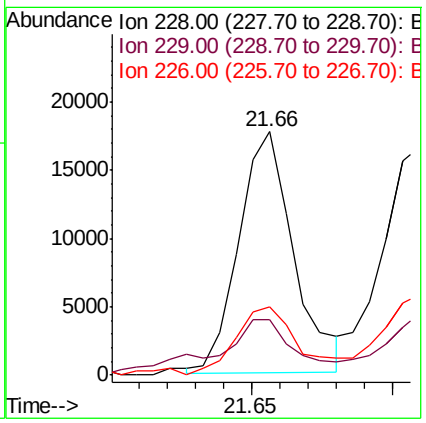


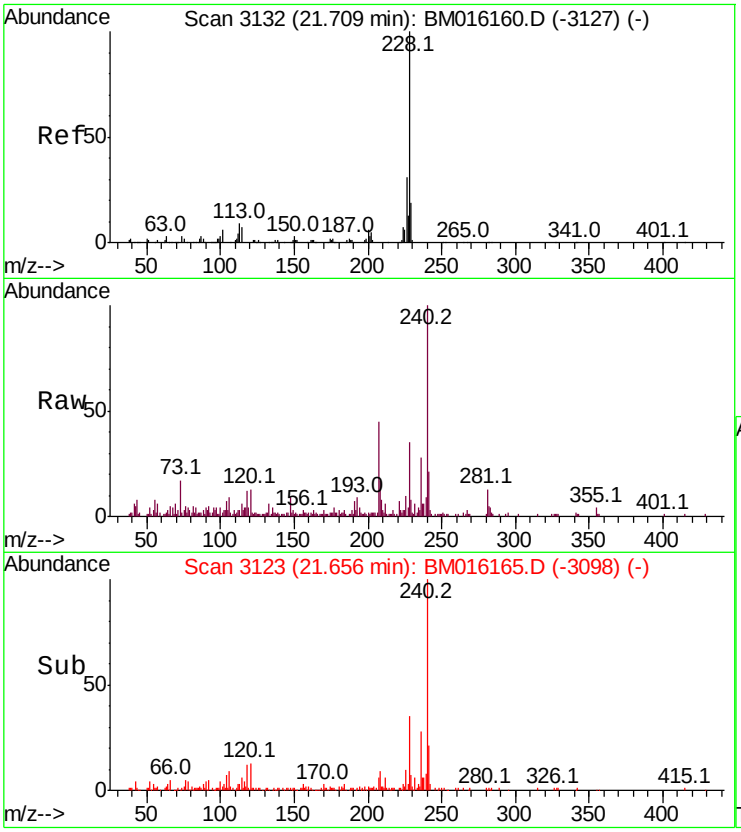


#82
Benzo(a)anthracene
Concen: 1.607 ng/ul
RT: 21.66 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Tgt Ion:228 Resp: 23925

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.7	23.5
226	27.9	21.8	32.6



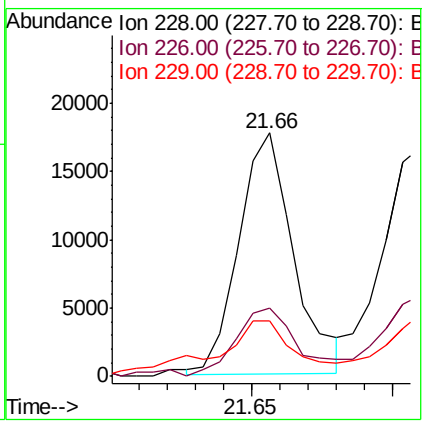


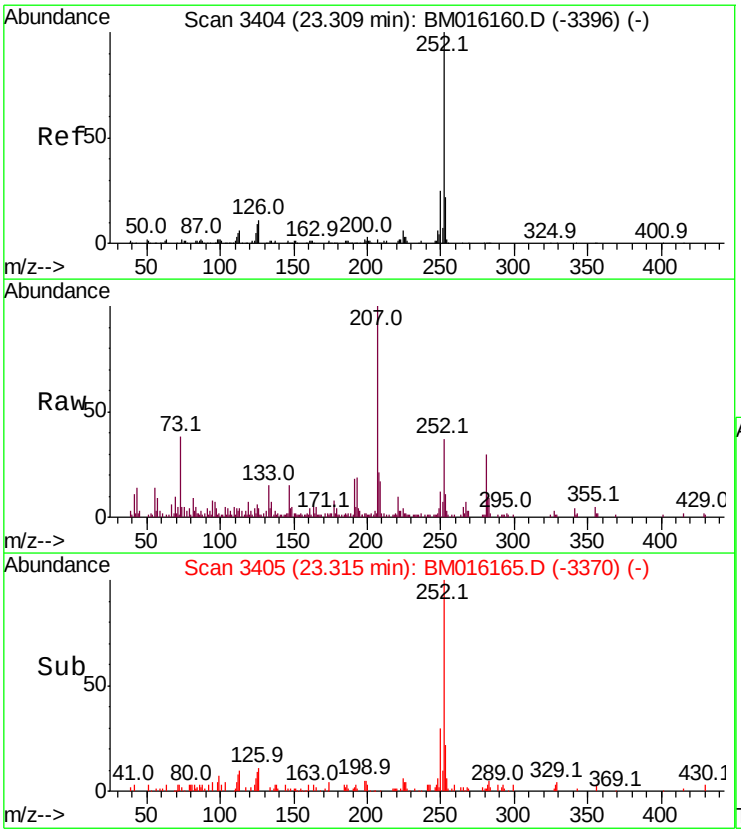
#84
Chrysene
Concen: 1.718 ng/ul
RT: 21.66 min Scan# 3123
Delta R.T. -0.05 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 23925

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.0	36.0
229	22.8	15.6	23.4

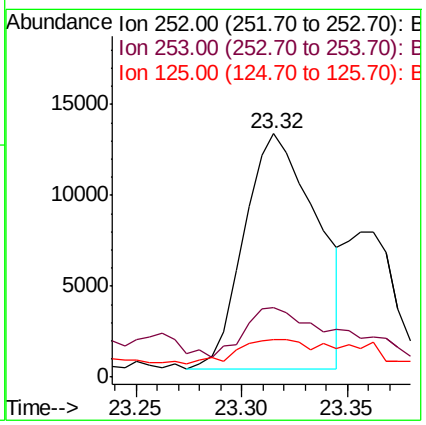


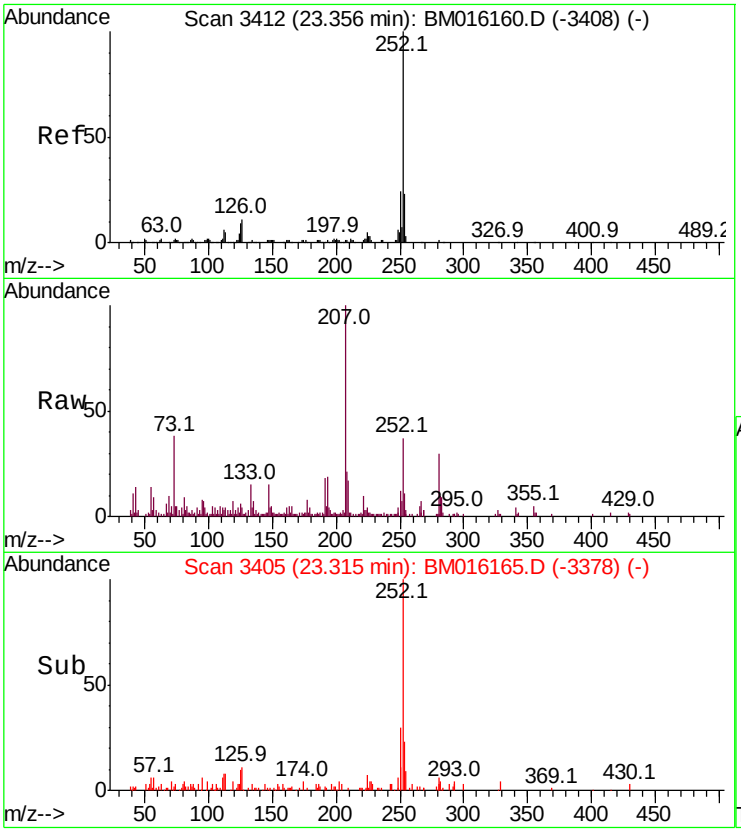


#87
Benzo(b)fluoranthene
Concen: 2.012 ng/ul
RT: 23.32 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Tgt Ion:252 Resp: 31005

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.5	26.3#
125	15.4	8.5	12.7#



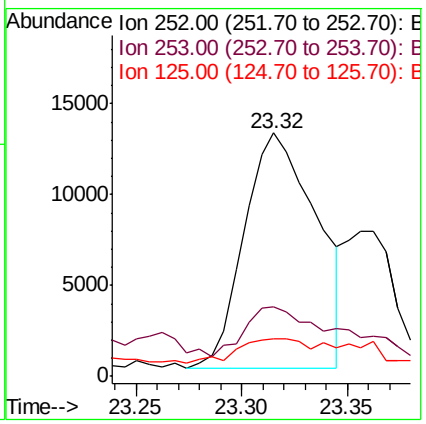


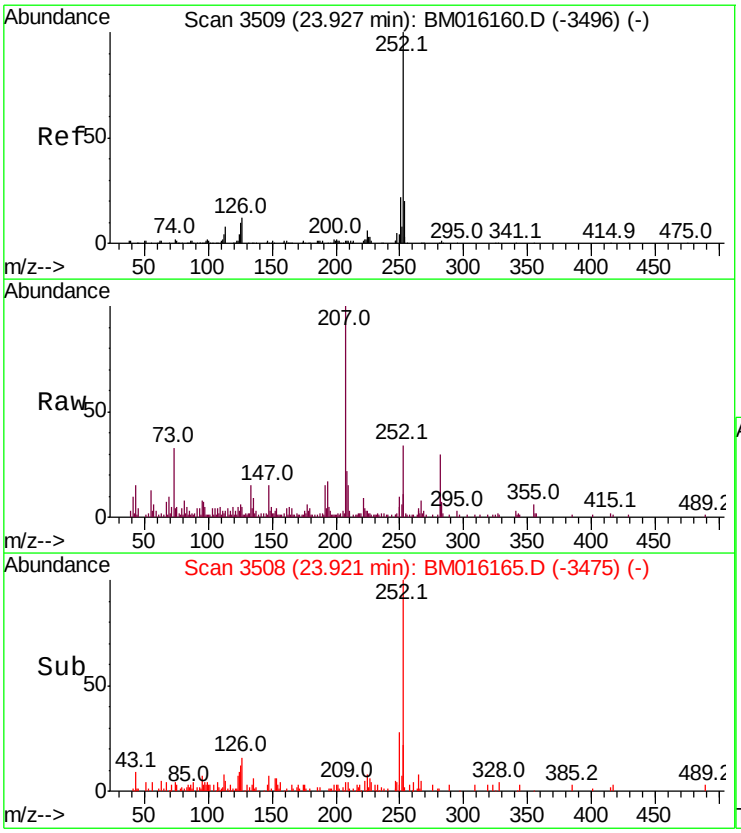
#88
Benzo(k)fluoranthene
Concen: 2.105 ng/ul
RT: 23.32 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 31005

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.3	25.9#
125	15.4	8.2	12.2#

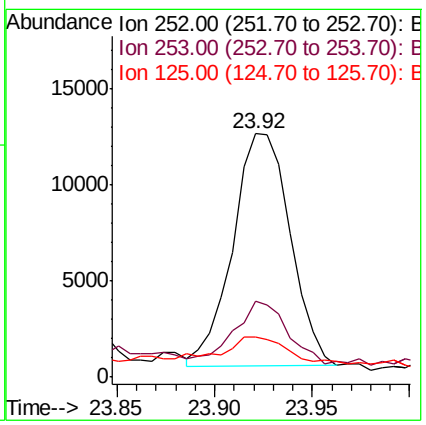


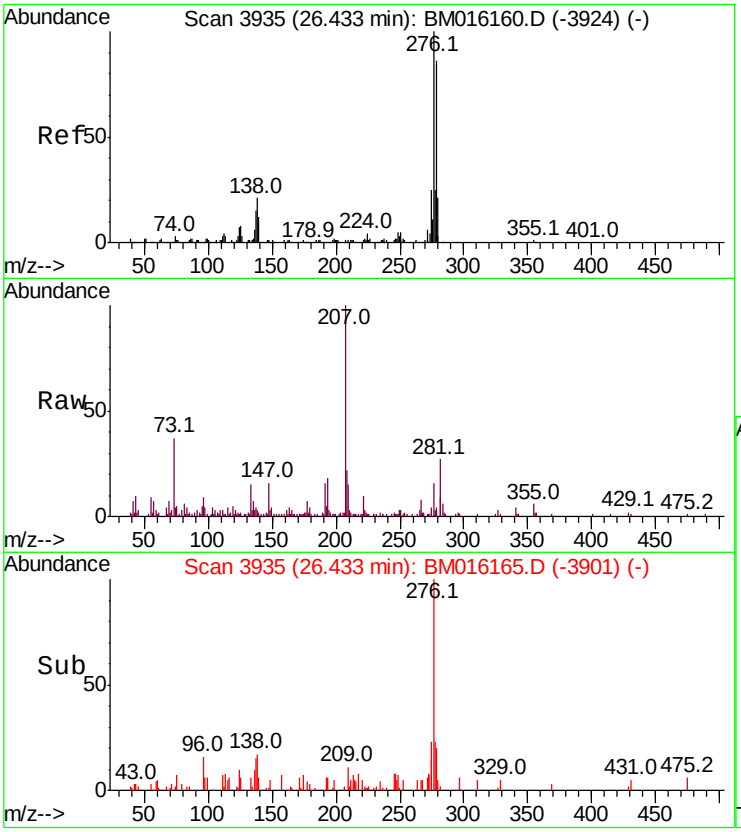


#90
Benzo(a)pyrene
Concen: 1.665 ng/ul
RT: 23.92 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Tgt Ion:252 Resp: 24675

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.2	25.8#
125	16.6	9.0	13.6#



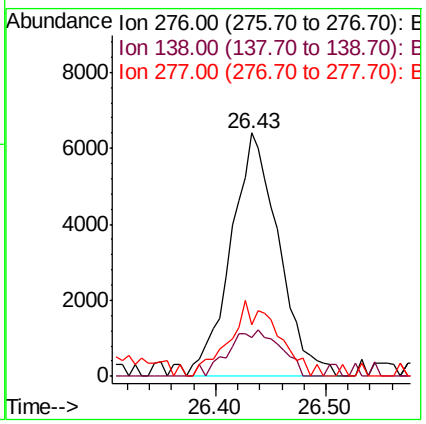


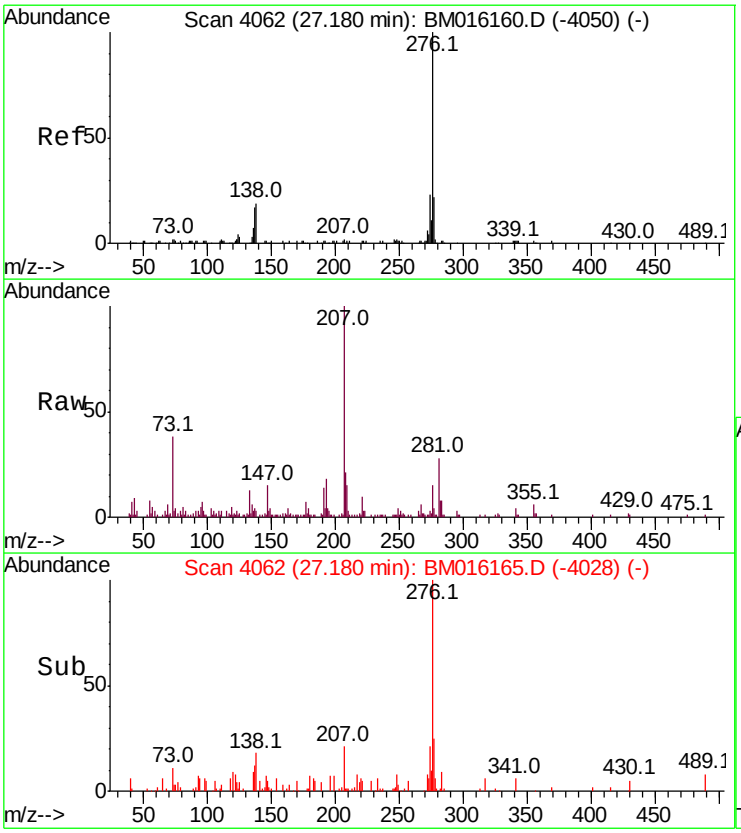
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.069 ng/ul
RT: 26.43 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 19467

Ion	Ratio	Lower	Upper
276	100		
138	15.8	22.3	33.5#
277	21.3	20.2	30.2





#93
Benzo(g,h,i)perylene
Concen: 1.287 ng/ul
RT: 27.18 min Scan# 4062
Delta R.T. -0.00 min
Lab File: BM016165.D
Acq: 02 Aug 2018 21:27

Tgt Ion:276 Resp: 18743

Ion	Ratio	Lower	Upper
276	100		
138	18.0	18.9	28.3#
277	25.2	19.2	28.8