Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006079.D
Acq On : 27 Jun 2016 20:45
Operator : UM/SJ
Sample : H3670-17DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y99DL

Quant Time: Jun 28 02:14:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	185599	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	996360	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	677534	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1691083	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	1809378	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1596499	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	1183	0.28	ng/uL	0.00
3) Phenol-d5	6.83	99	30513	1.56	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	22156	2.04	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	25155	1.85	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	16283	0.99	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	13598	1.79	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	12244	1.45	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.07	165	28164	1.74	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	20072	1.14	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	110060	1.90	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	138772	2.06	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	9094	0.73	ng/ul	0.00
21) Fluorene-d10	15.30	176	110485	2.23	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	2675	0.28	ng/ul	-0.01
26) Anthracene-d10	17.16	188	181447	2.34	ng/ul	0.00
30) Pyrene-d10	19.46	212	215858	2.72	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	166221	2.31	ng/ul	0.00
Target Compounds						Qvalue
19) Acenaphthene	14.37	153	47618	1.06	ng/ul	93
25) Phenanthrene	17.10	178	1305405	14.35	ng/ul	100
27) Anthracene	17.19	178	259970	2.77	ng/ul	98
28) Fluoranthene	19.12	202	2301463	19.75	ng/ul	99
31) Pyrene	19.49	202	2028769	19.59	ng/ul	96
32) Benzo(a)anthracene	21.24	228	825680	7.68	ng/ul	98
33) Chrysene	21.29	228	802937	8.18	ng/ul	97
35) Benzo(b)fluoranthene	22.81	252	1018171	10.98	ng/ul	98
36) Benzo(k)fluoranthene	22.81	252	1018171	11.80	ng/ul	98
38) Benzo(a)pyrene	23.37	252	660637	7.43	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.69	276	486126	4.58	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.70	278	100153	1.14	ng/ul	97
41) Benzo(g,h,i)perylene	26.37	276	499577	5.45	ng/ul	98

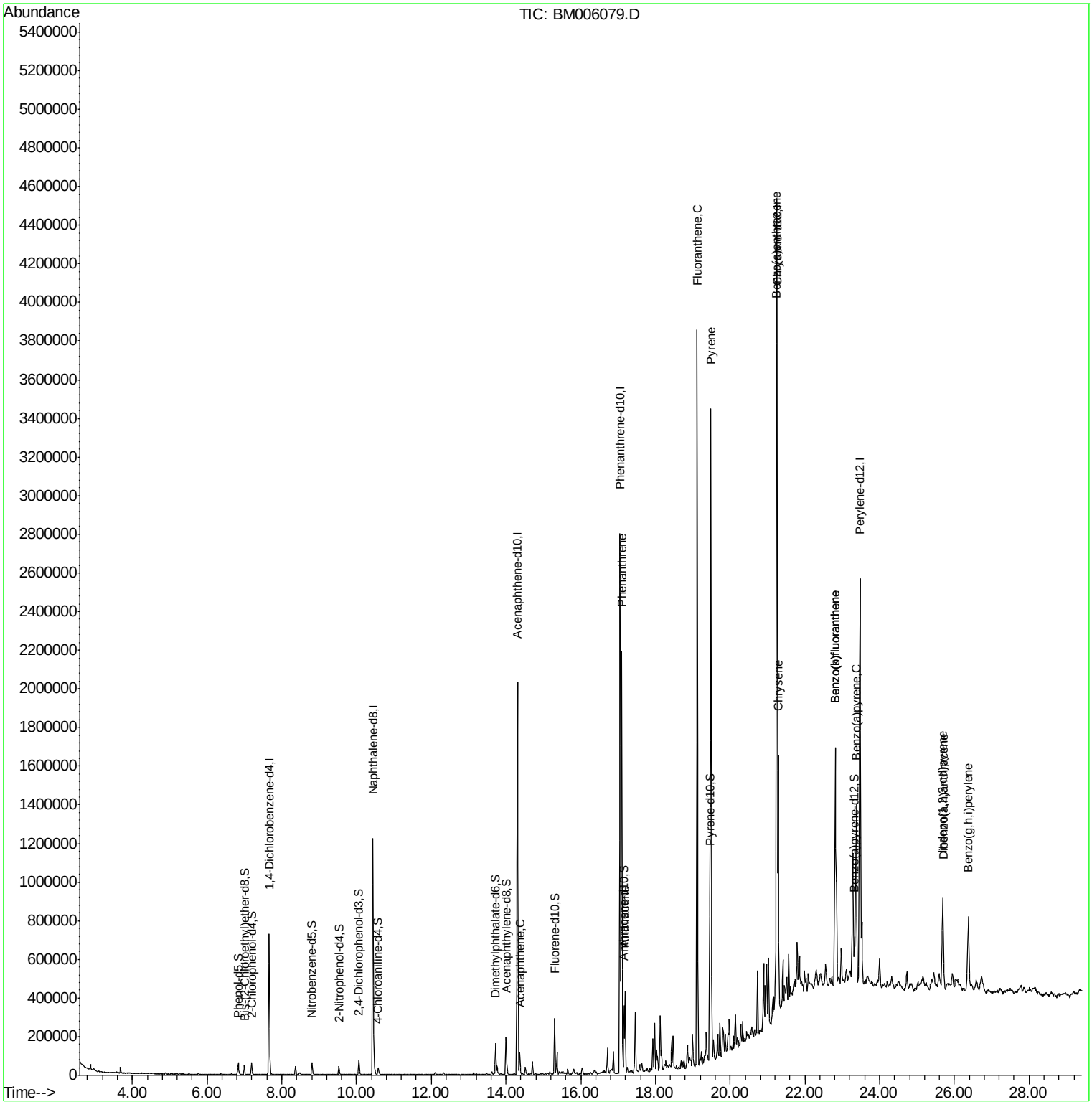
(#) = qualifier out of range (m) = manual integration (+) = signals summed

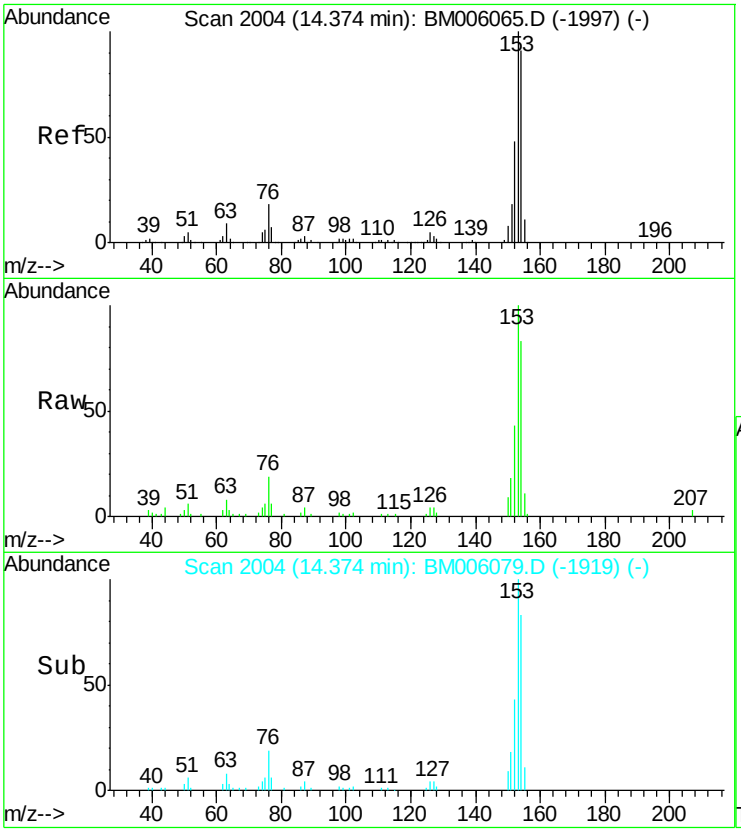
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006079.D
Acq On : 27 Jun 2016 20:45
Operator : UM/SJ
Sample : H3670-17DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y99DL

Quant Time: Jun 28 02:14:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration



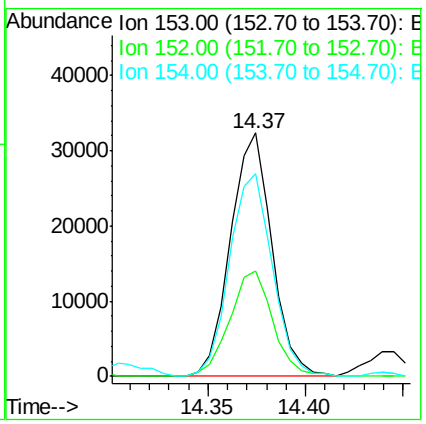


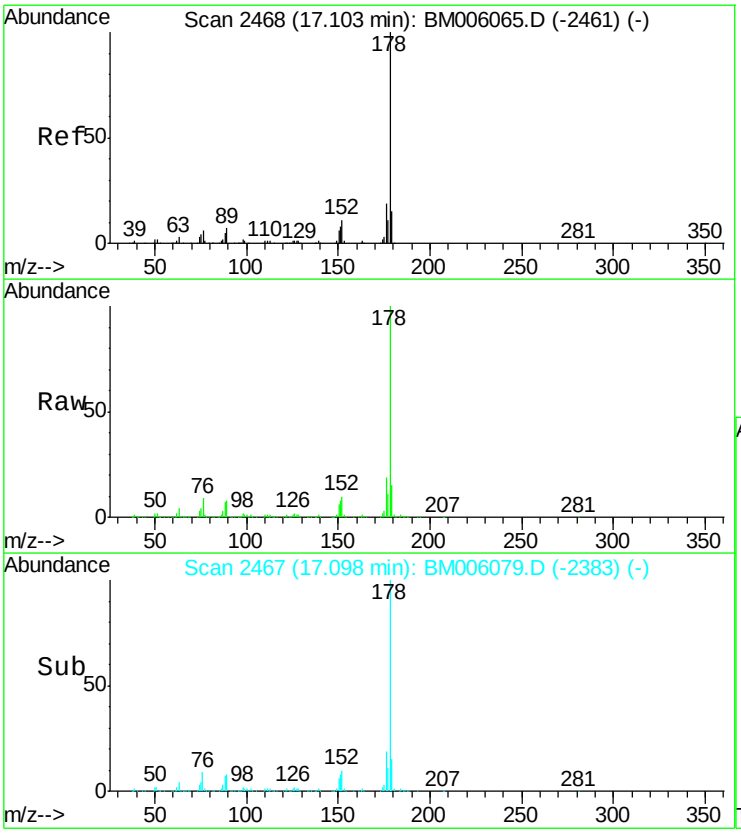
#19
Acenaphthene
Concen: 1.06 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Instrument :
BNA_M
ClientSampleId :
D9Y99DL

Tgt Ion:153 Resp: 47618

Ion	Ratio	Lower	Upper
153	100		
152	43.4	38.1	57.1
154	83.0	71.6	107.4

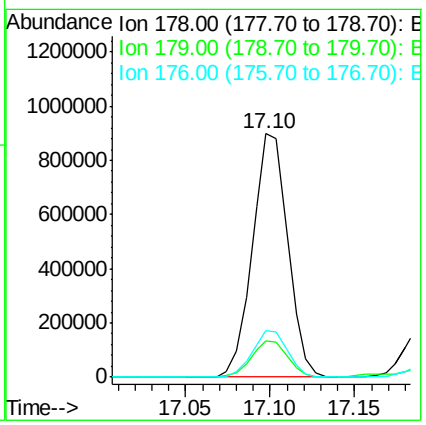


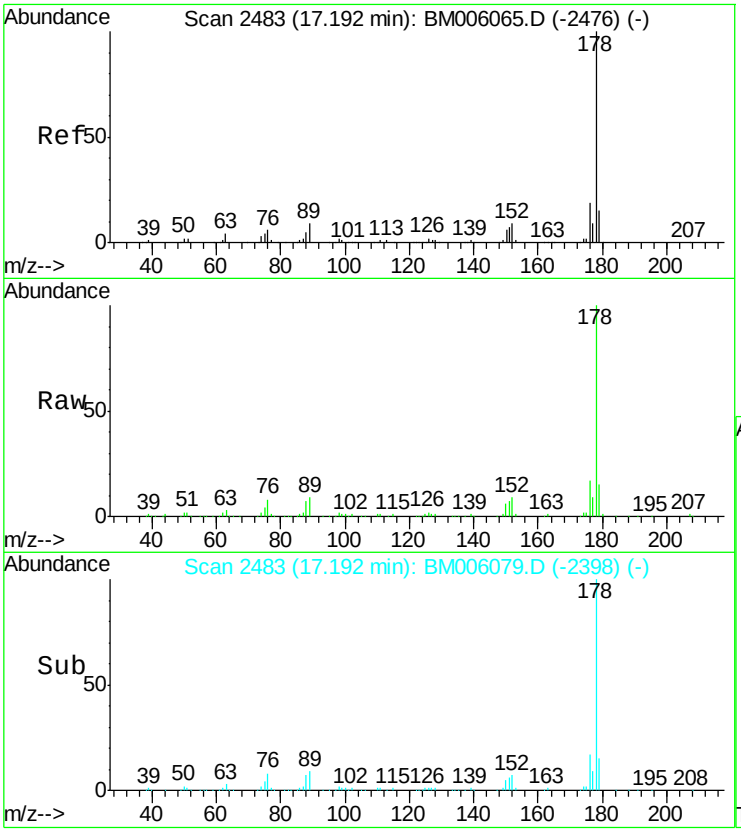


#25
Phenanthrene
Concen: 14.35 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Tgt Ion:178 Resp: 1305405

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.1	15.3	22.9



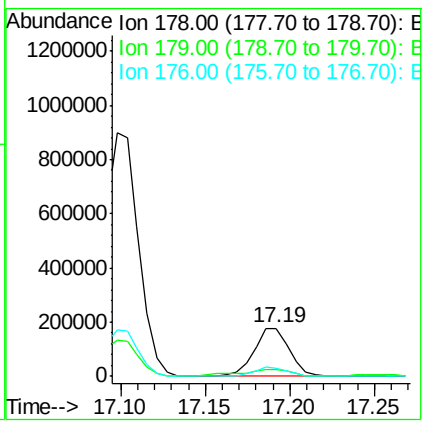


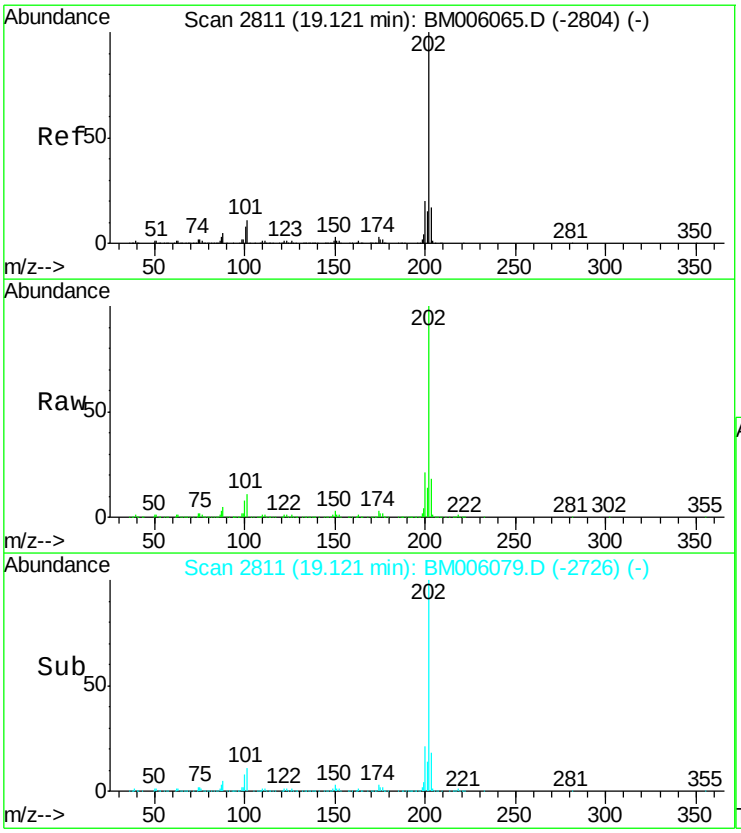
#27
Anthracene
Concen: 2.77 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Instrument :
BNA_M
ClientSampleId :
D9Y99DL

Tgt Ion:178 Resp: 259970

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	17.5	14.6	22.0

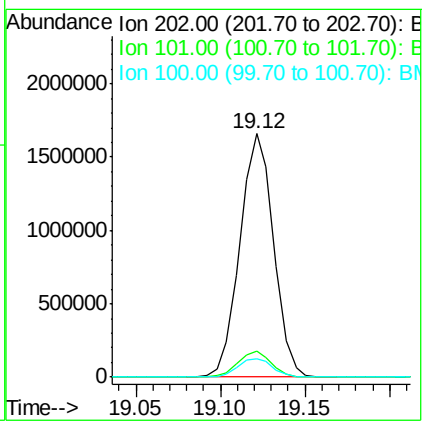


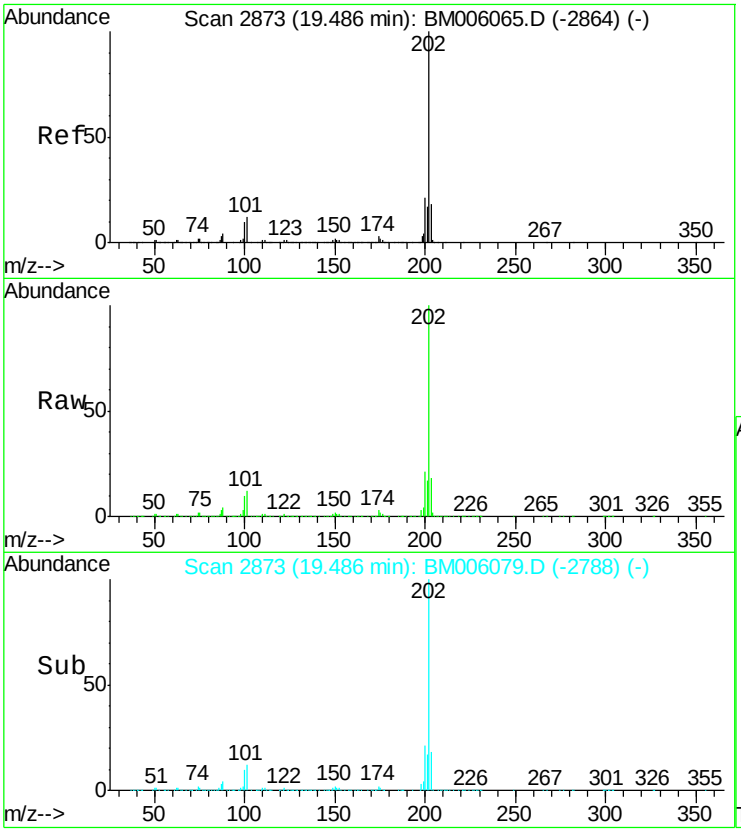


#28
Fluoranthene
Concen: 19.75 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Tgt Ion:202 Resp: 2301463

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.5	12.7
100	7.7	6.5	9.7



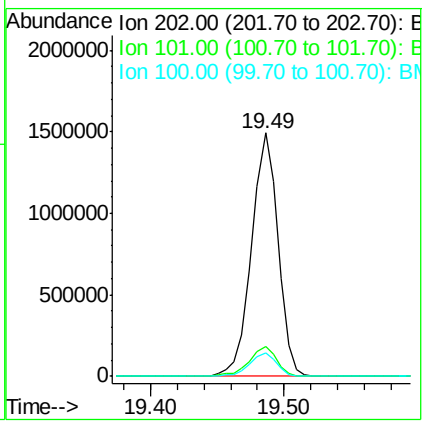


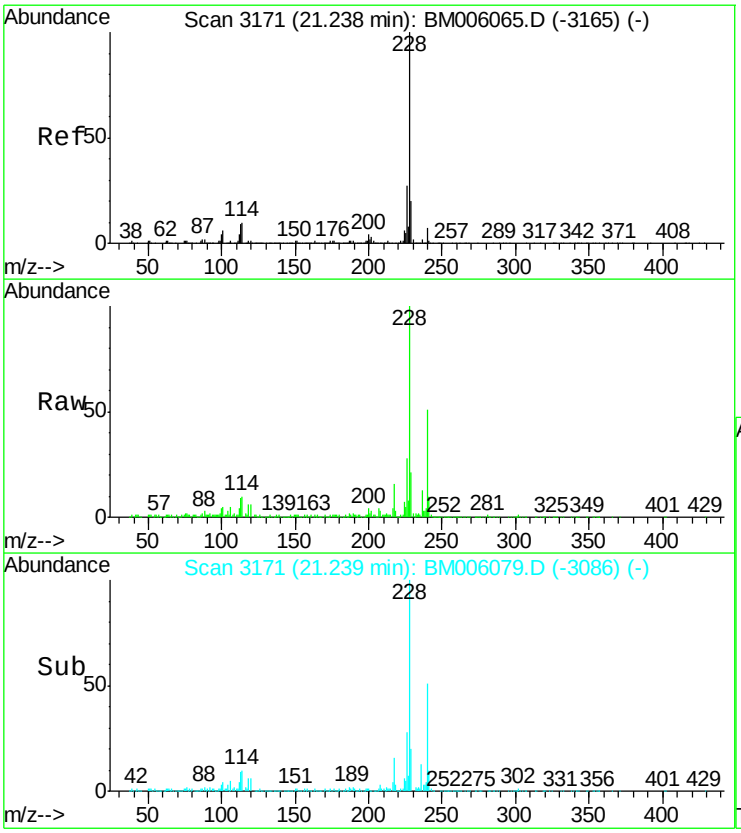
#31
Pyrene
Concen: 19.59 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Instrument :
BNA_M
ClientSampleId :
D9Y99DL

Tgt Ion:202 Resp: 2028769

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.0	16.4
100	9.7	8.9	13.3

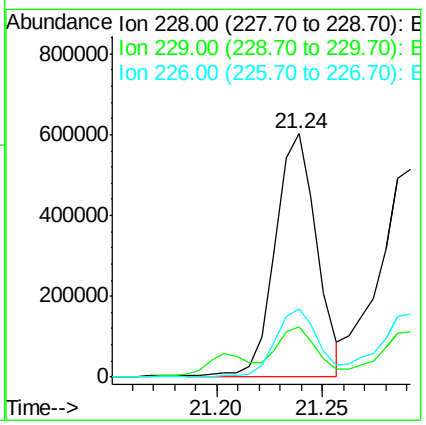


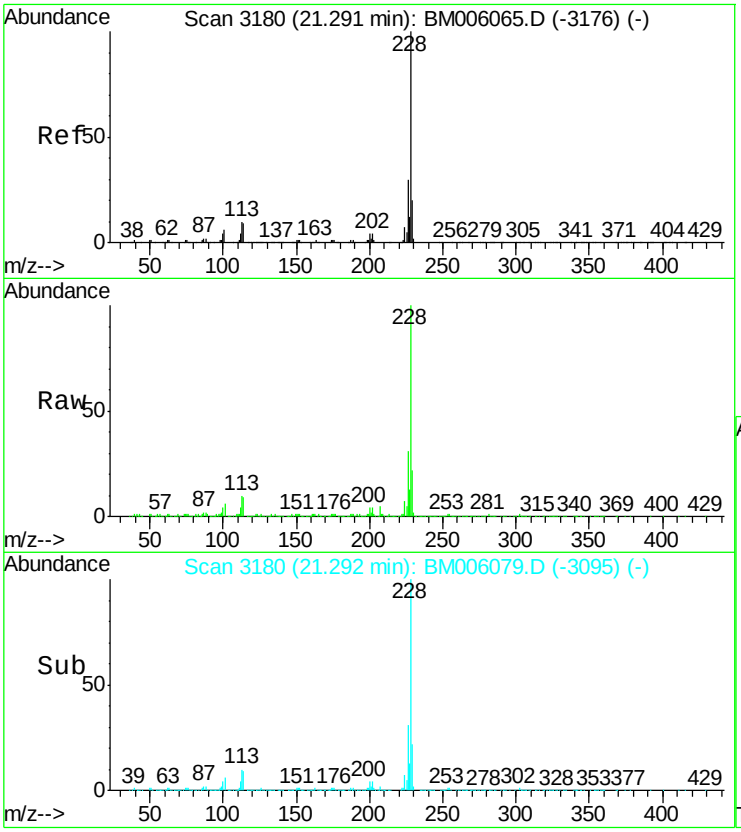


#32
Benzo(a)anthracene
Concen: 7.68 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Tgt Ion:228 Resp: 825680

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.8	21.6	32.4



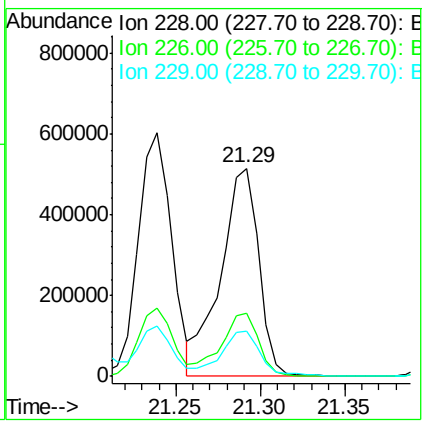


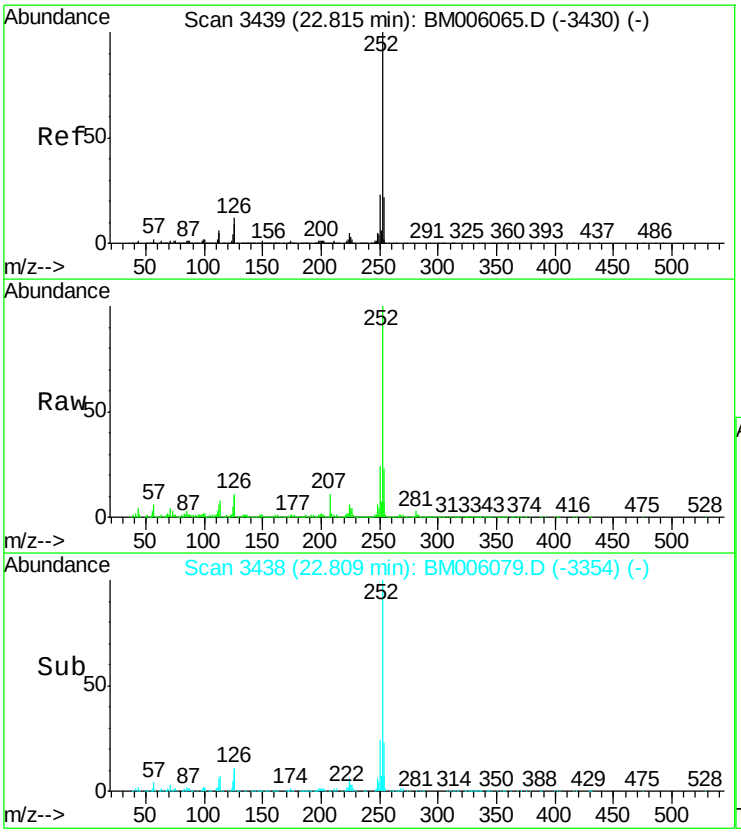
#33
Chrysene
Concen: 8.18 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Instrument :
BNA_M
ClientSampleId :
D9Y99DL

Tgt Ion:228 Resp: 802937

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	21.7	15.8	23.6

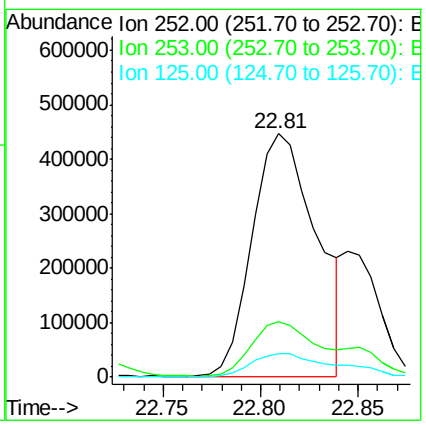


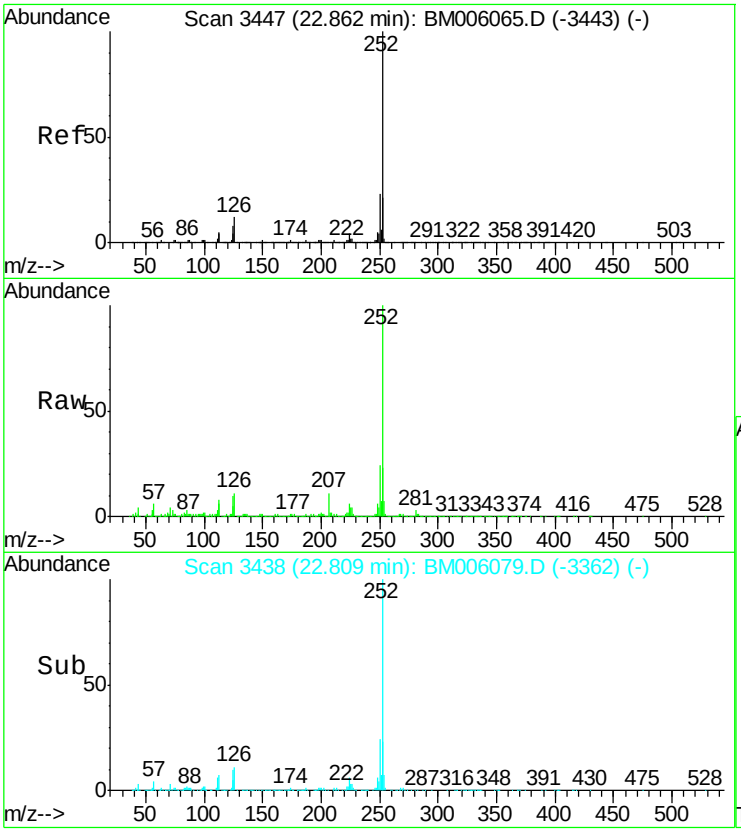


#35
Benzo(b)fluoranthene
Concen: 10.98 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Tgt Ion:252 Resp: 1018171

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	9.8	7.8	11.6



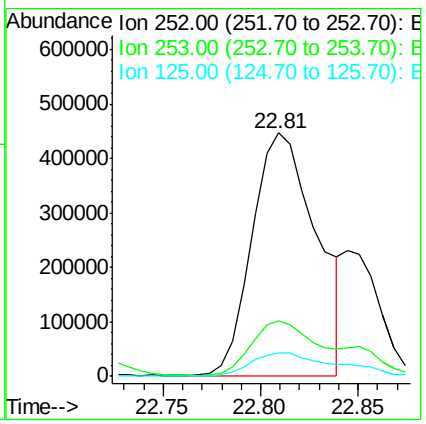


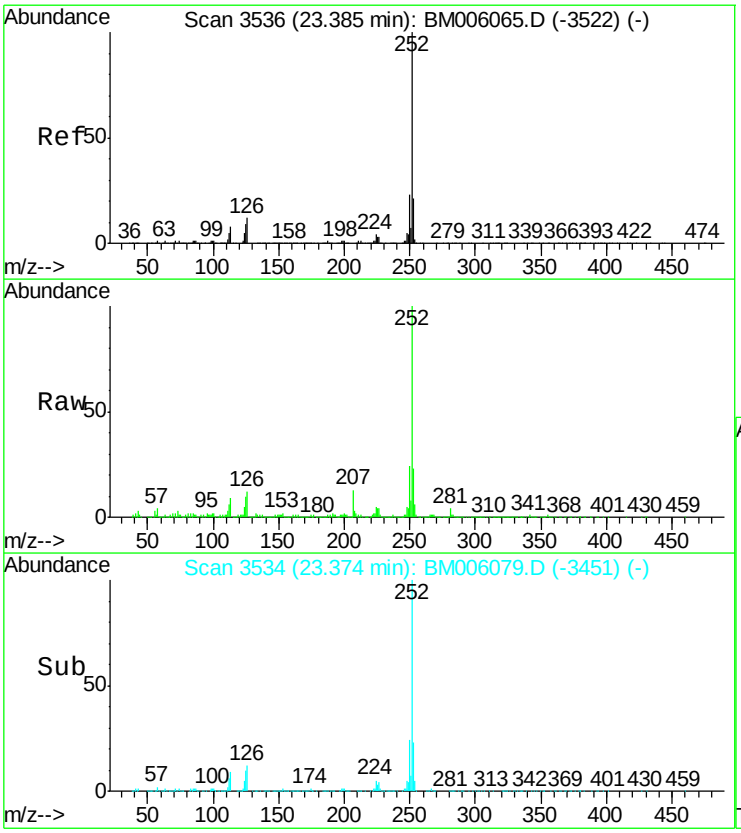
#36
Benzo(k)fluoranthene
Concen: 11.80 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.05 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Instrument :
BNA_M
ClientSampleId :
D9Y99DL

Tgt Ion:252 Resp: 1018171

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.8	8.1	12.1

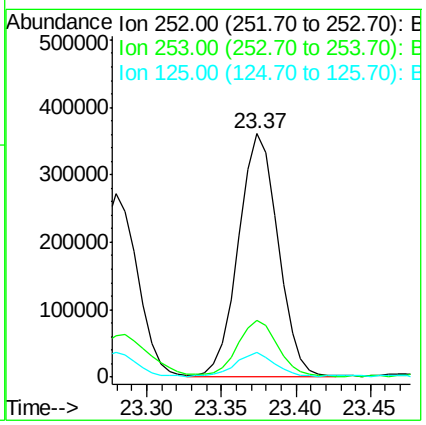


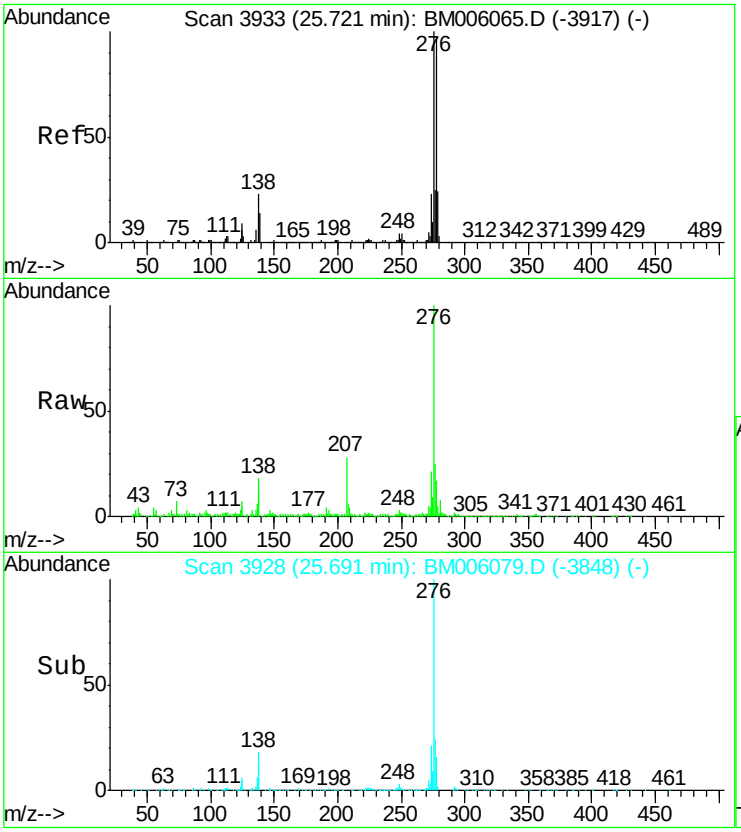


#38
Benzo(a)pyrene
Concen: 7.43 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Tgt Ion:252 Resp: 660637

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.2	8.7	13.1



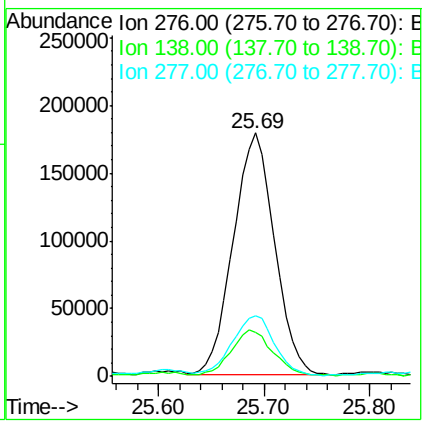


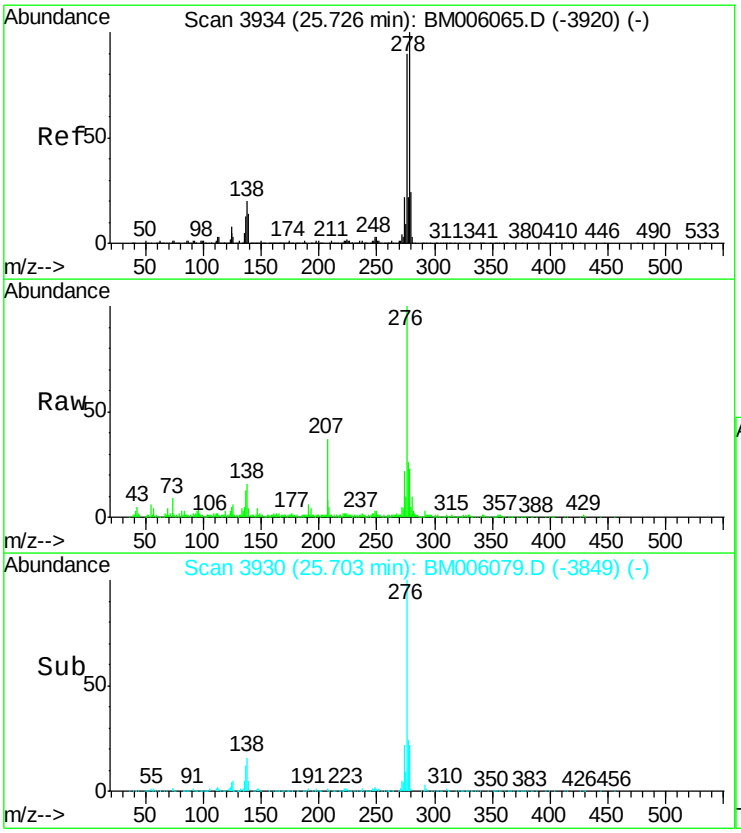
#39
Indeno(1,2,3-cd)pyrene
Concen: 4.58 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. -0.03 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Instrument :
BNA_M
ClientSampleId :
D9Y99DL

Tgt Ion:276 Resp: 486126

Ion	Ratio	Lower	Upper
276	100		
138	18.0	20.4	30.6#
277	24.8	20.6	30.8

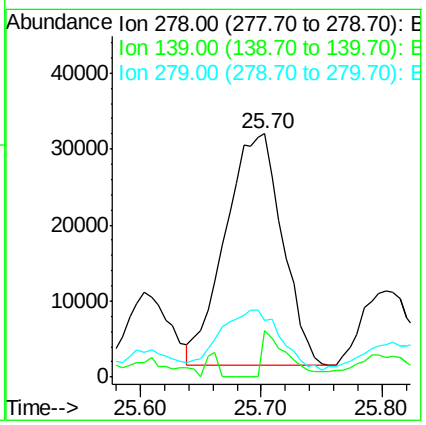


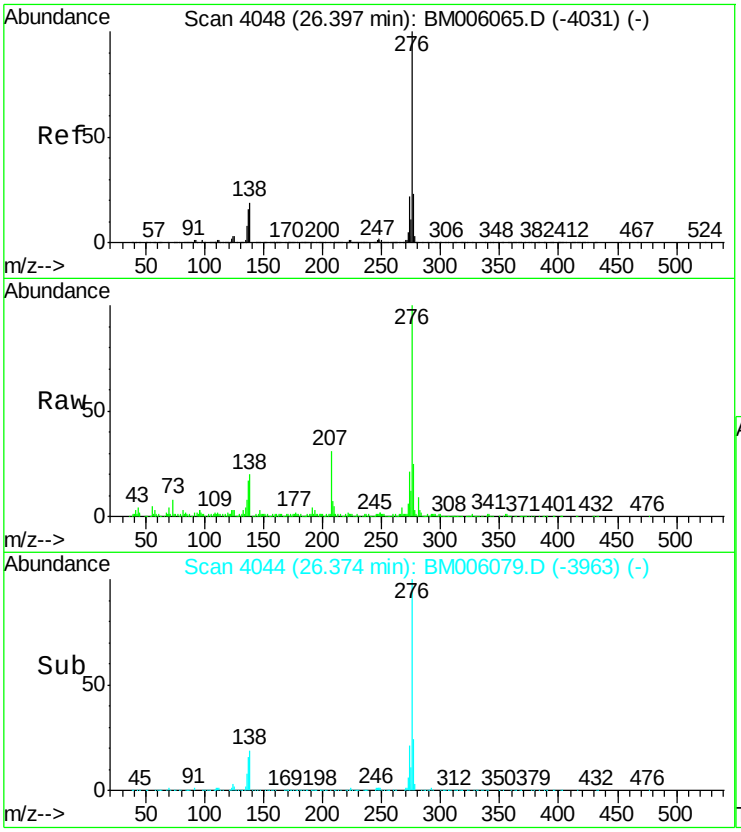


#40
Dibenzo(a,h)anthracene
Concen: 1.14 ng/ul
RT: 25.70 min Scan# 3930
Delta R.T. -0.02 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Tgt Ion:278 Resp: 100153

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.0	19.4
279	23.5	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 5.45 ng/ul
RT: 26.37 min Scan# 4044
Delta R.T. -0.02 min
Lab File: BM006079.D
Acq: 27 Jun 2016 20:45

Instrument :
BNA_M
ClientSampleId :
D9Y99DL

Tgt Ion:276 Resp: 499577

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.6	25.0
277	24.9	18.9	28.3