Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006635.D
Acq On : 22 Jul 2016 21:46
Operator : UM/SJ
Sample : H4077-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YS9

Quant Time: Jul 23 00:19:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	219846	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	971274	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	533819	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	1133336	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1119257	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1202639	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	10995	2.02	ng/uL	0.00
3) Phenol-d5	6.80	99	424875	22.72	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	282801	24.41	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	344338	23.04	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	301626	20.79	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	173291	23.57	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	177971	22.76	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	323624	21.90	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	357097	21.95	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	944453	22.56	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1230505	23.03	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	121811	16.76	ng/ul	0.02
21) Fluorene-d10	15.27	176	848095	22.66	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.42	200	22376	3.80	ng/ul	0.01
26) Anthracene-d10	17.13	188	1250985	23.25	ng/ul	0.01
30) Pyrene-d10	19.43	212	1328855	26.06	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1307016	23.63	ng/ul	0.01
Target Compounds						Qvalue
18) Acenaphthylene	13.99	152	97954	1.71	ng/ul	97
25) Phenanthrene	17.07	178	638770	10.02	ng/ul	98
27) Anthracene	17.16	178	126816	1.93	ng/ul	98
28) Fluoranthene	19.09	202	1713470	22.88	ng/ul	99
31) Pyrene	19.46	202	1401656	20.68	ng/ul	97
32) Benzo(a)anthracene	21.21	228	764151	11.27	ng/ul	96
33) Chrysene	21.26	228	861318	13.77	ng/ul	97
35) Benzo(b)fluoranthene	22.77	252	1296635	17.99	ng/ul	99
36) Benzo(k)fluoranthene	22.77	252	1296635	18.60	ng/ul	99
38) Benzo(a)pyrene	23.34	252	806774	11.50	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.64	276	637641	7.85	ng/ul	98
40) Dibenzo(a,h)anthracene	25.34	278	99758	1.48	ng/ul	94
41) Benzo(g,h,i)perylene	26.33	276	581658	8.35	ng/ul	98

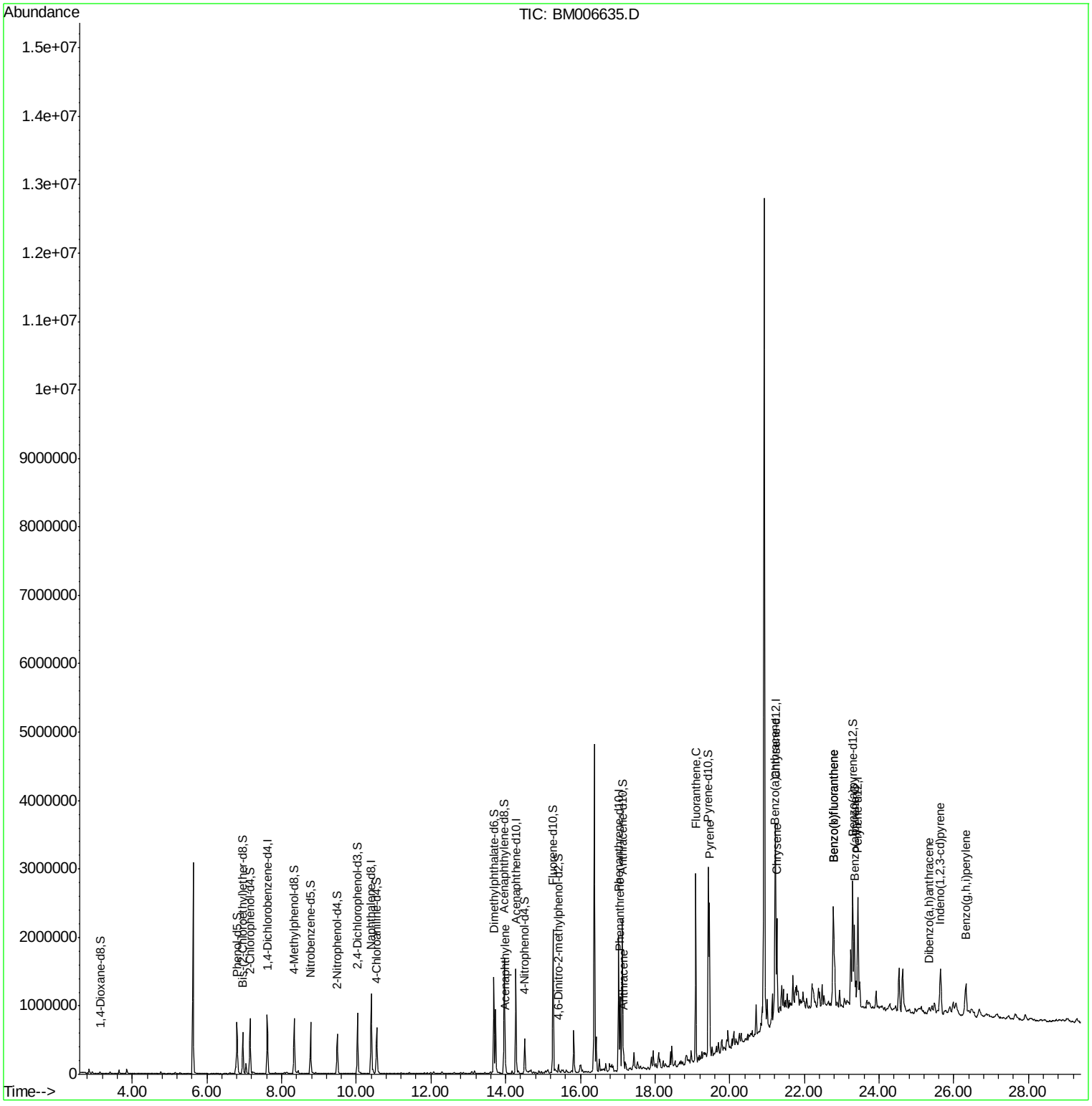
(#) = qualifier out of range (m) = manual integration (+) = signals summed

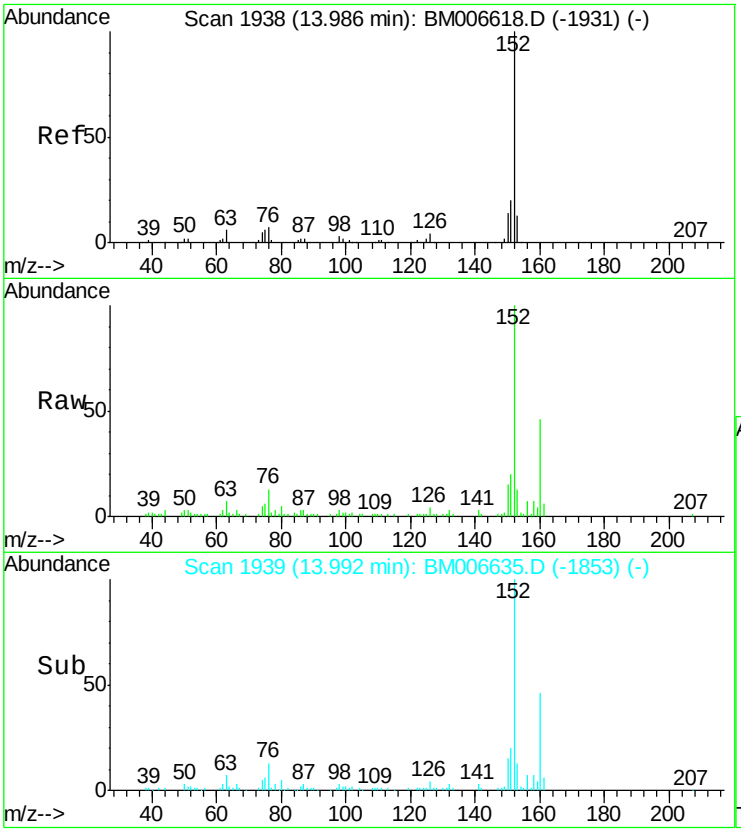
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006635.D
Acq On : 22 Jul 2016 21:46
Operator : UM/SJ
Sample : H4077-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YS9

Quant Time: Jul 23 00:19:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration



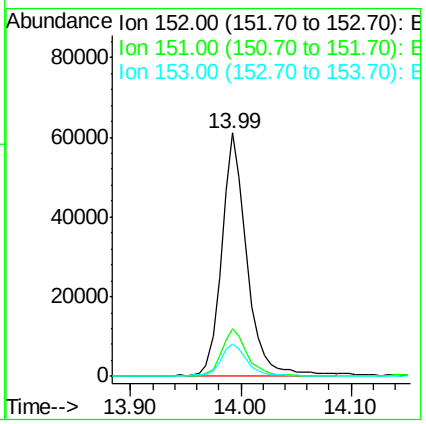


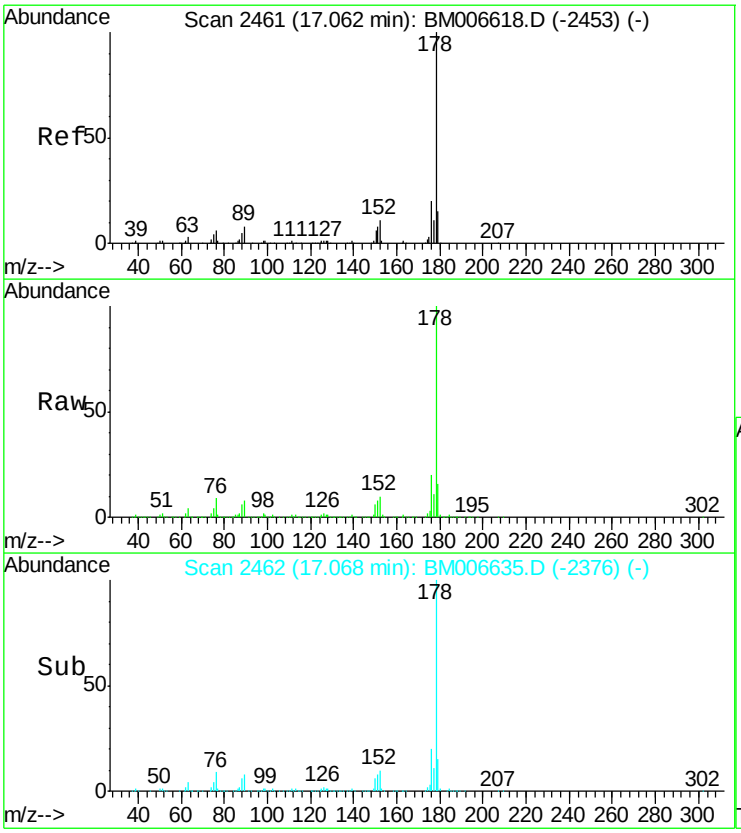
#18
Acenaphthylene
Concen: 1.71 ng/ul
RT: 13.99 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Instrument :
BNA_M
ClientSampleId :
D9YS9

Tgt Ion:152 Resp: 97954

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.3	25.9
153	13.5	11.1	16.7

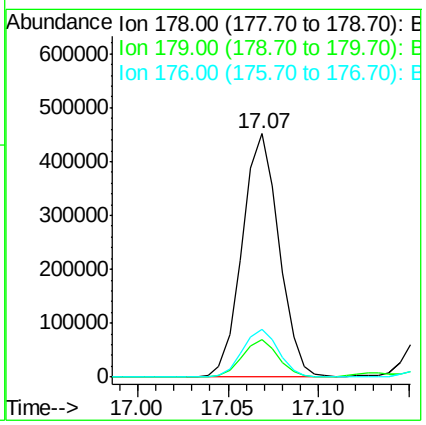


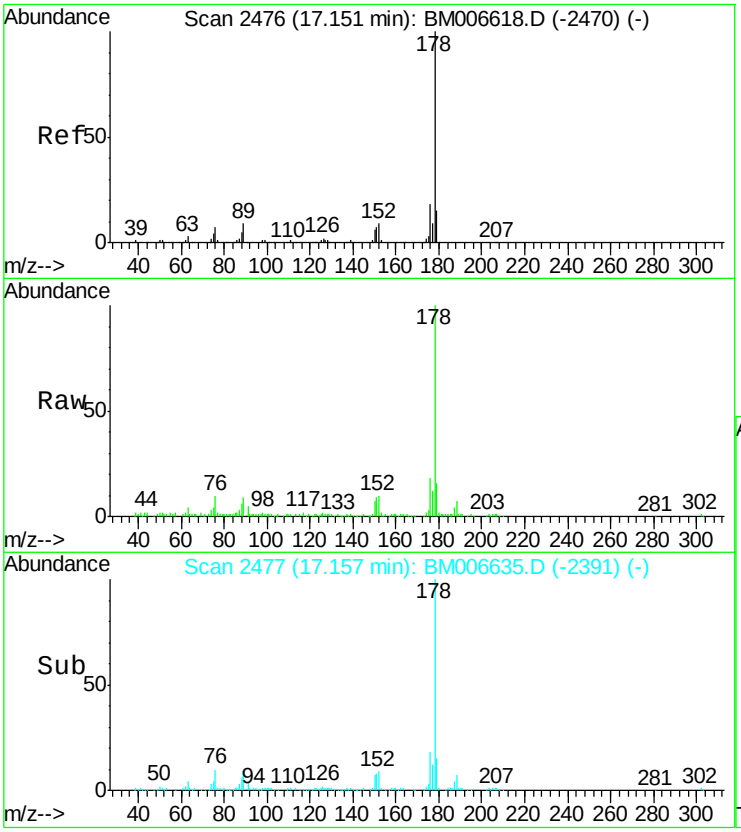


#25
Phenanthrene
Concen: 10.02 ng/ul
RT: 17.07 min Scan# 2462
Delta R.T. 0.01 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Tgt Ion:178 Resp: 638770

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.6	14.8	22.2



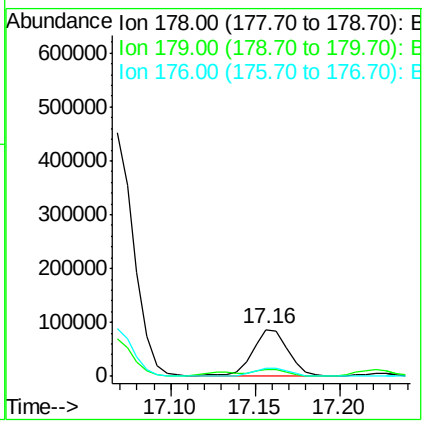


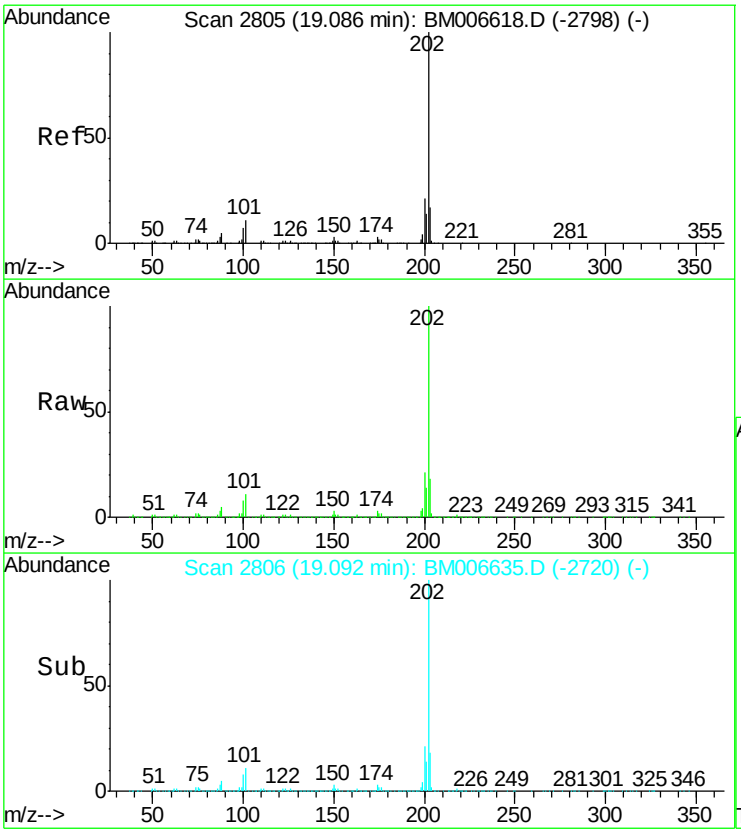
#27
Anthracene
Concen: 1.93 ng/ul
RT: 17.16 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Instrument :
BNA_M
ClientSampleId :
D9YS9

Tgt Ion:178 Resp: 126816

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	18.1	15.6	23.4

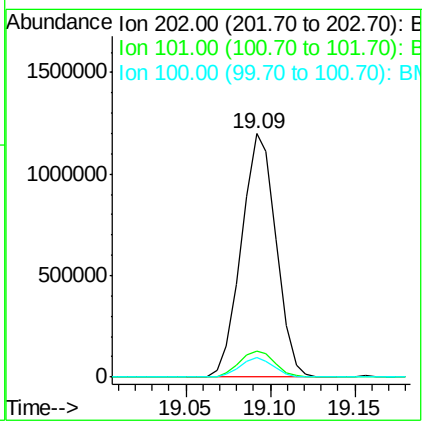


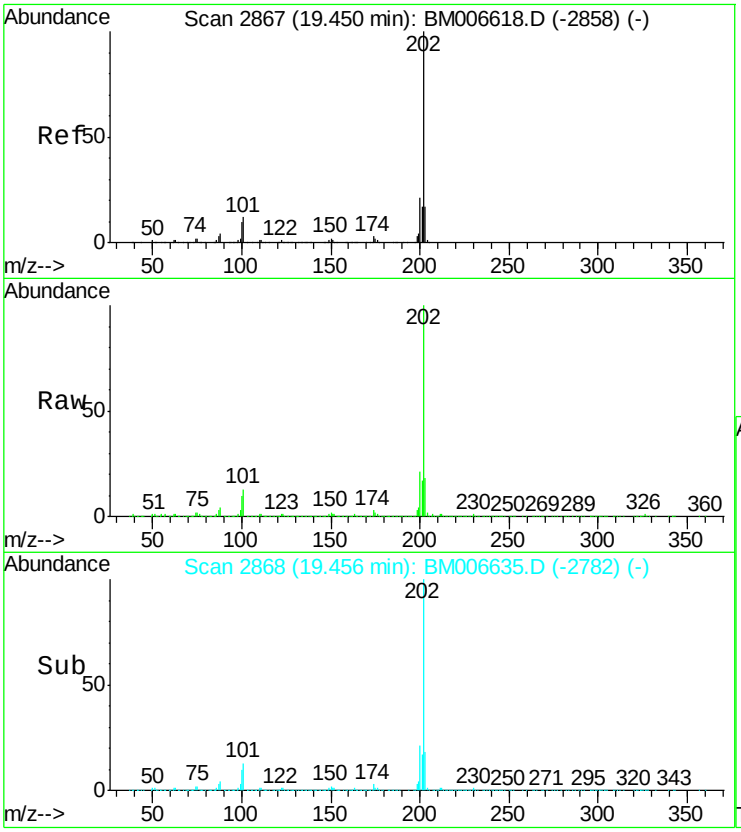


#28
Fluoranthene
Concen: 22.88 ng/ul
RT: 19.09 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Tgt Ion:202 Resp: 1713470

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	8.1	7.0	10.4



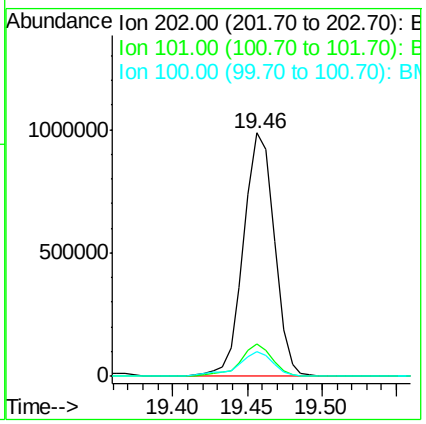


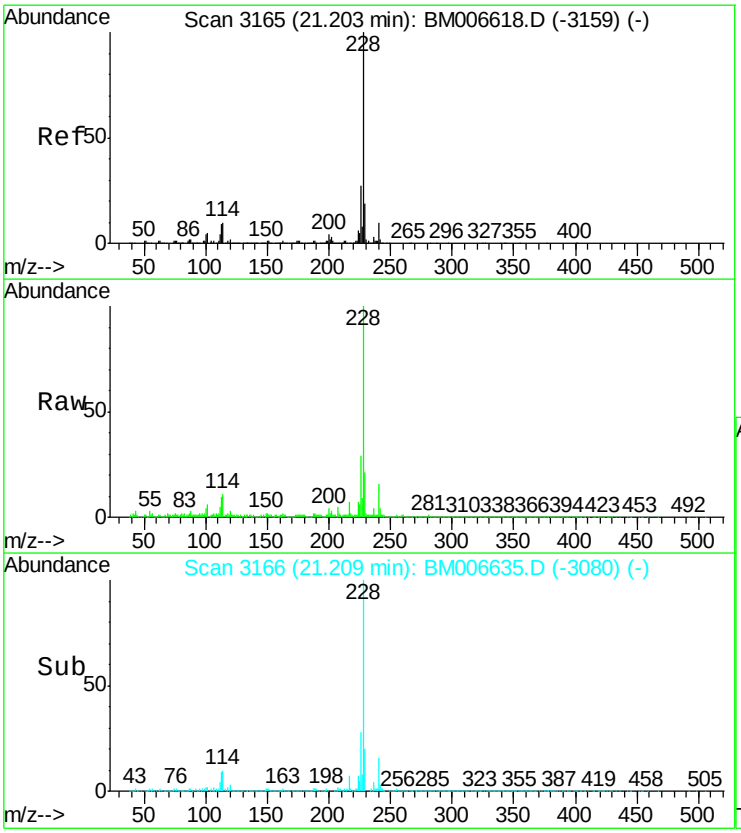
#31
Pyrene
Concen: 20.68 ng/ul
RT: 19.46 min Scan# 2868
Delta R.T. 0.01 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Instrument :
BNA_M
ClientSampleId :
D9YS9

Tgt Ion:202 Resp: 1401656

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.8	14.8
100	10.0	9.3	13.9

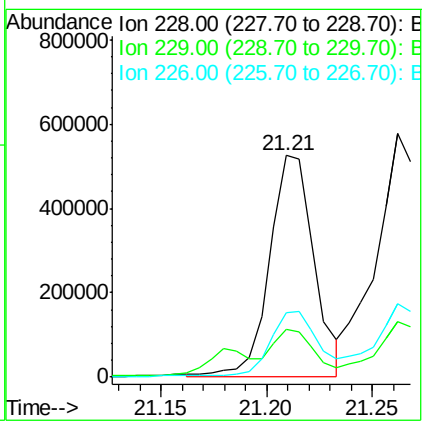


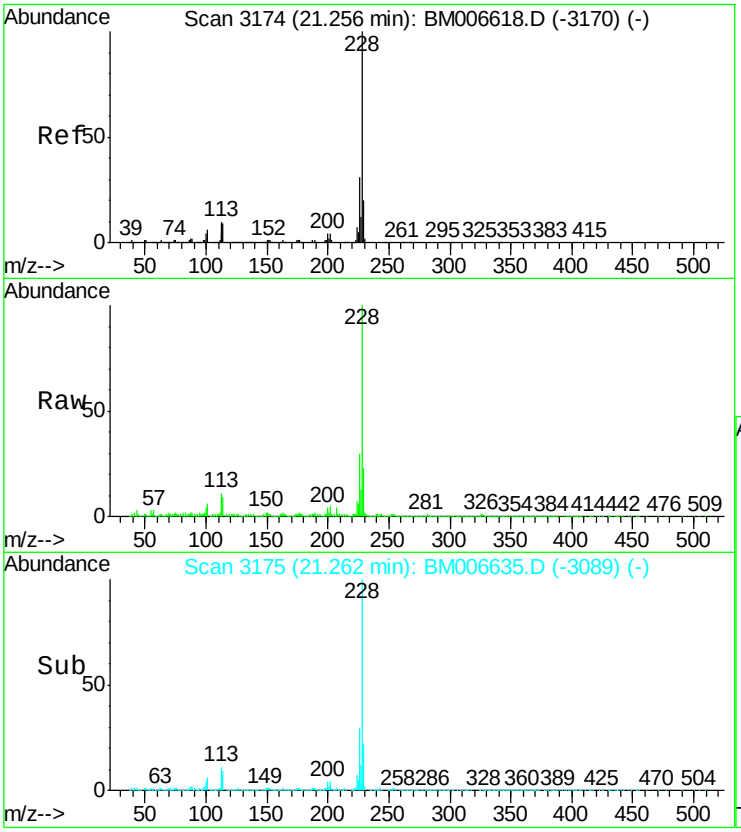


#32
Benzo(a)anthracene
Concen: 11.27 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Tgt Ion:228 Resp: 764151

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.6	25.0
226	28.9	21.0	31.4



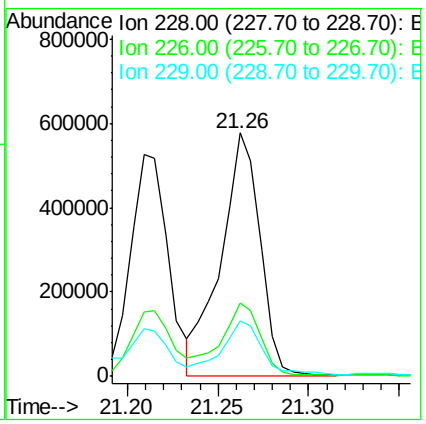


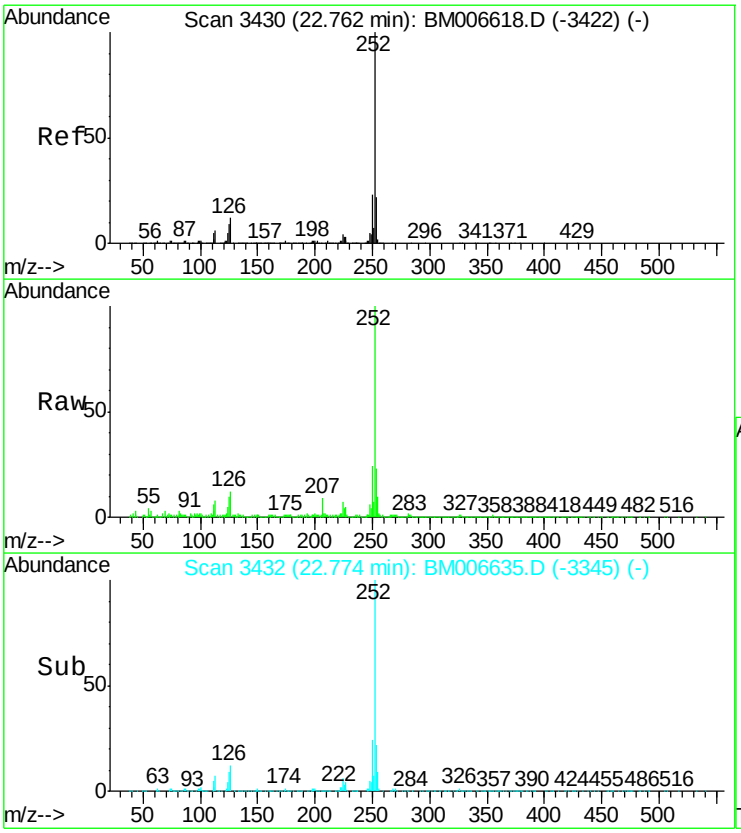
#33
Chrysene
Concen: 13.77 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Instrument :
BNA_M
ClientSampleId :
D9YS9

Tgt Ion:228 Resp: 861318

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.8	16.2	24.2

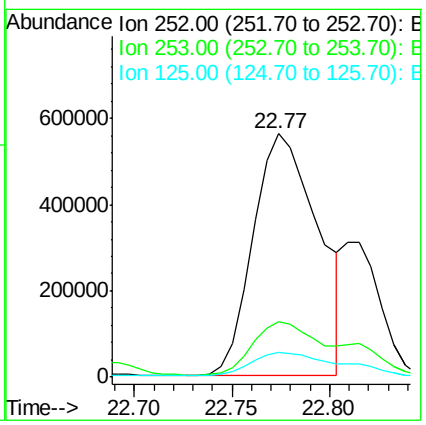


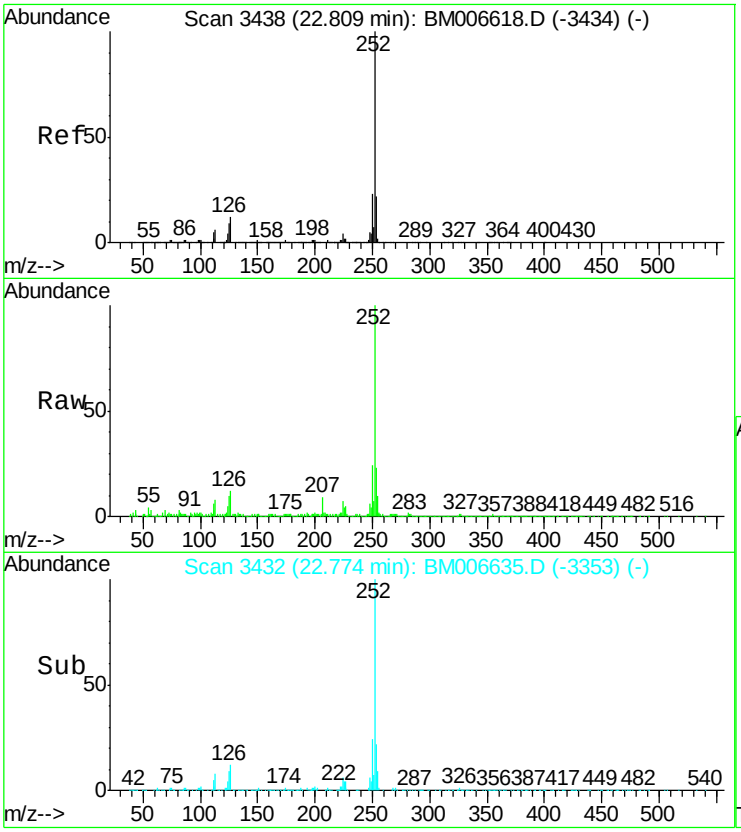


#35
Benzo(b)fluoranthene
Concen: 17.99 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. 0.01 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Tgt Ion:252 Resp: 1296635

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.0	7.6	11.4



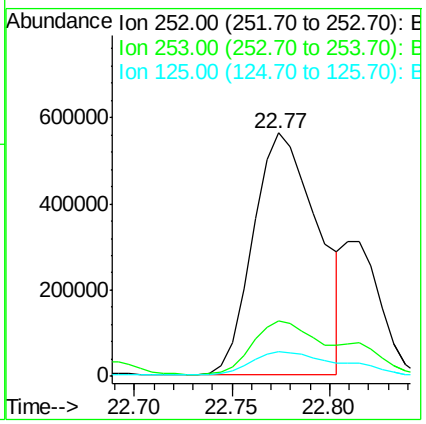


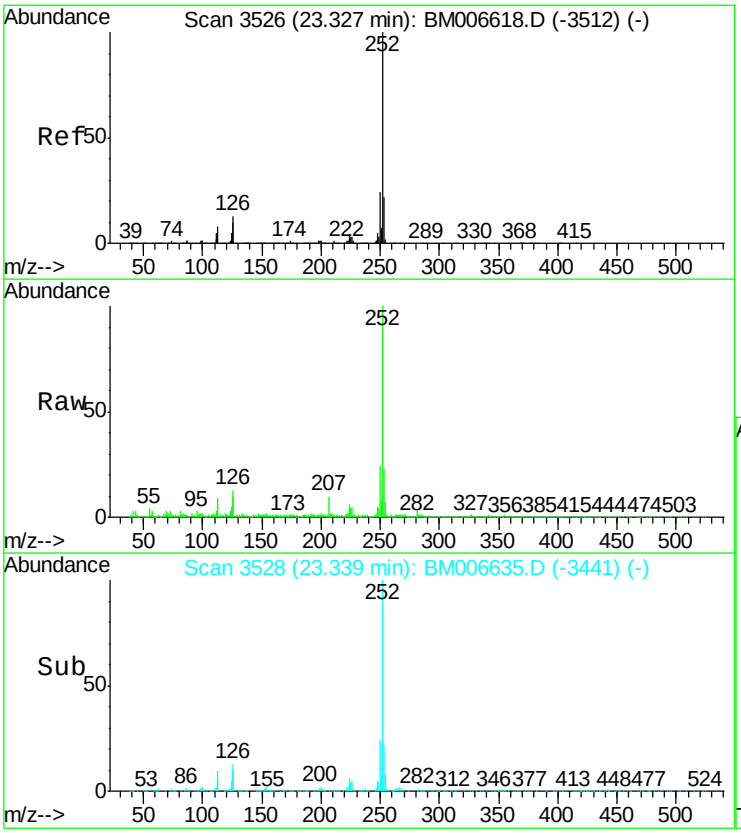
#36
Benzo(k)fluoranthene
Concen: 18.60 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. -0.04 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Instrument :
BNA_M
ClientSampleId :
D9YS9

Tgt Ion:252 Resp: 1296635

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.0	7.7	11.5

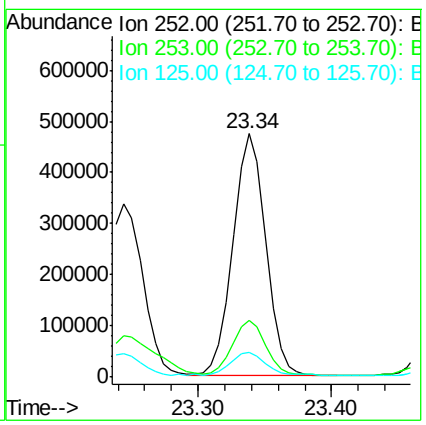


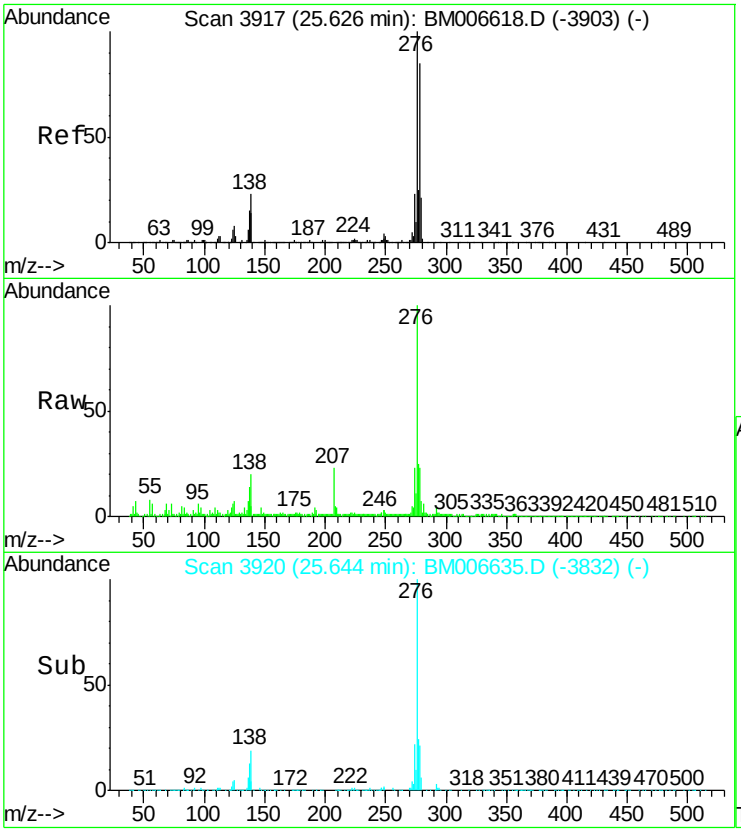


#38
Benzo(a)pyrene
Concen: 11.50 ng/ul
RT: 23.34 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Tgt Ion:252 Resp: 806774

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	9.9	8.2	12.2



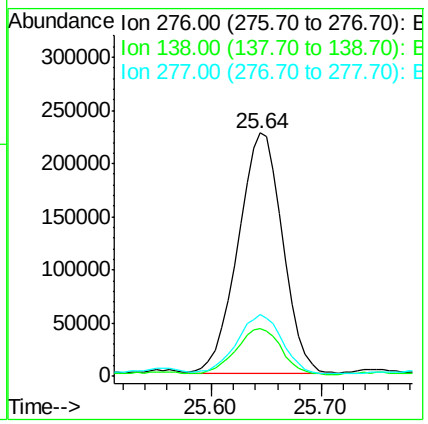


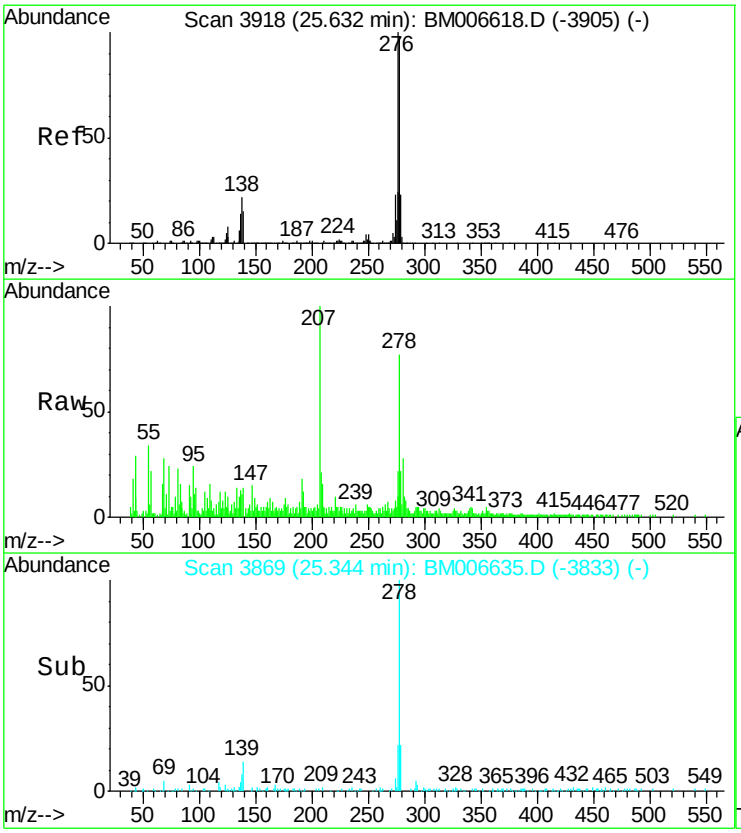
#39
Indeno(1,2,3-cd)pyrene
Concen: 7.85 ng/ul
RT: 25.64 min Scan# 3920
Delta R.T. 0.02 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Instrument :
BNA_M
ClientSampleId :
D9YS9

Tgt Ion:276 Resp: 637641

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.8	23.6
277	25.1	19.0	28.6

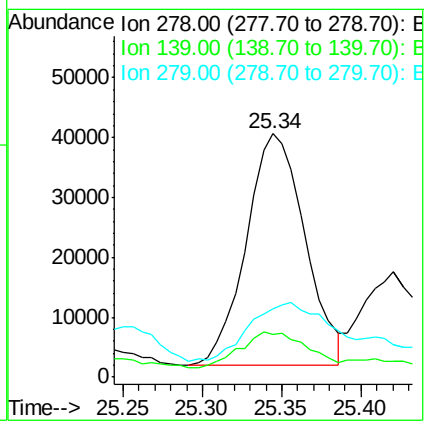


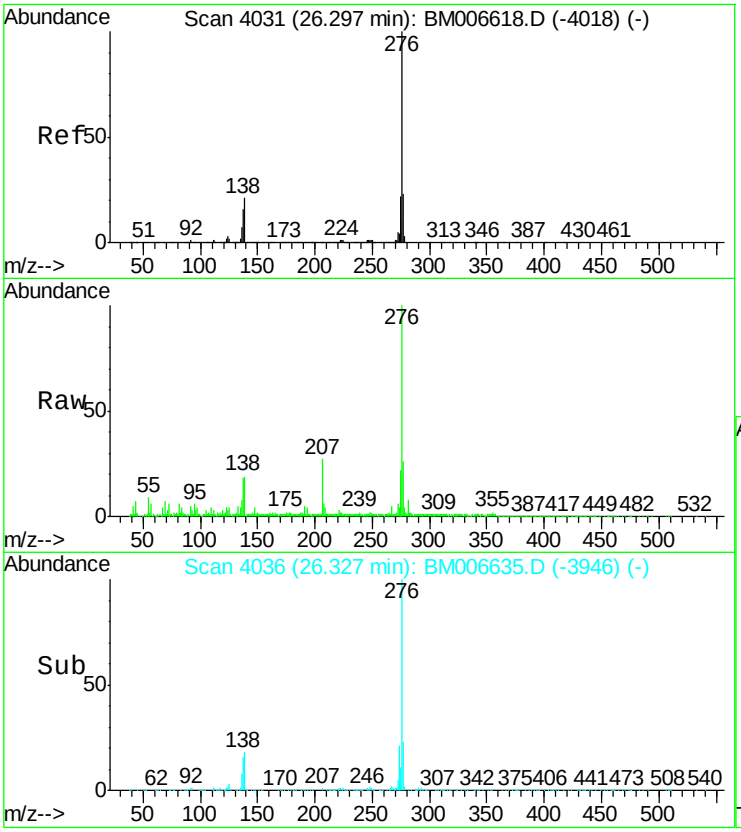


#40
Dibenzo(a,h)anthracene
Concen: 1.48 ng/ul
RT: 25.34 min Scan# 3869
Delta R.T. -0.29 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Tgt Ion:278 Resp: 99758

Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.1	18.1
279	27.9	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 8.35 ng/ul
RT: 26.33 min Scan# 4036
Delta R.T. 0.03 min
Lab File: BM006635.D
Acq: 22 Jul 2016 21:46

Instrument :
BNA_M
ClientSampleId :
D9YS9

Tgt Ion:276 Resp: 581658

Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.9	20.9
277	25.6	19.8	29.6