Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006080.D
Acq On : 27 Jun 2016 21:21
Operator : UM/SJ
Sample : H3670-22DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YA4DL

Quant Time: Jun 28 02:14:16 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	158880	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	880520	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	596872	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1525859	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1689254	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1520983	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	950	0.27	ng/uL	0.00
3) Phenol-d5	6.83	99	32158	1.92	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	19481	2.10	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	24975	2.15	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	22983	1.63	ng/ul	0.00
8) Nitrobenzene-d5	8.85	128	114	0.02	ng/ul	0.04
9) 2-Nitrophenol-d4	9.53	143	13087	1.75	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	31035	2.17	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	23304	1.50	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	106570	2.09	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	142489	2.40	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	9375	0.86	ng/ul	-0.01
21) Fluorene-d10	15.30	176	110711	2.54	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	2609	0.31	ng/ul	0.00
26) Anthracene-d10	17.16	188	183427	2.62	ng/ul	0.00
30) Pyrene-d10	19.46	212	217052	2.93	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	175724	2.56	ng/ul	-0.01
Target Compounds						Qvalue
19) Acenaphthene	14.37	153	99255	2.50	ng/ul	98
22) Fluorene	15.36	166	114296	2.39	ng/ul	99
25) Phenanthrene	17.10	178	2382830	29.03	ng/ul	100
27) Anthracene	17.19	178	504923	5.96	ng/ul	100
28) Fluoranthene	19.12	202	3562036	33.88	ng/ul	98
31) Pyrene	19.49	202	3112391	32.18	ng/ul	96
32) Benzo(a)anthracene	21.24	228	1281973	12.78	ng/ul	99
33) Chrysene	21.29	228	1234830	13.47	ng/ul	97
35) Benzo(b)fluoranthene	22.81	252	1546431	17.50	ng/ul	98
36) Benzo(k)fluoranthene	22.81	252	1546431	18.81	ng/ul	99
38) Benzo(a)pyrene	23.37	252	1003284	11.84	ng/ul	97
40) Dibenzo(a,h)anthracene	25.95	278	107276	1.28	ng/ul	95
41) Benzo(g,h,i)perylene	26.37	276	748771	8.57	ng/ul	98

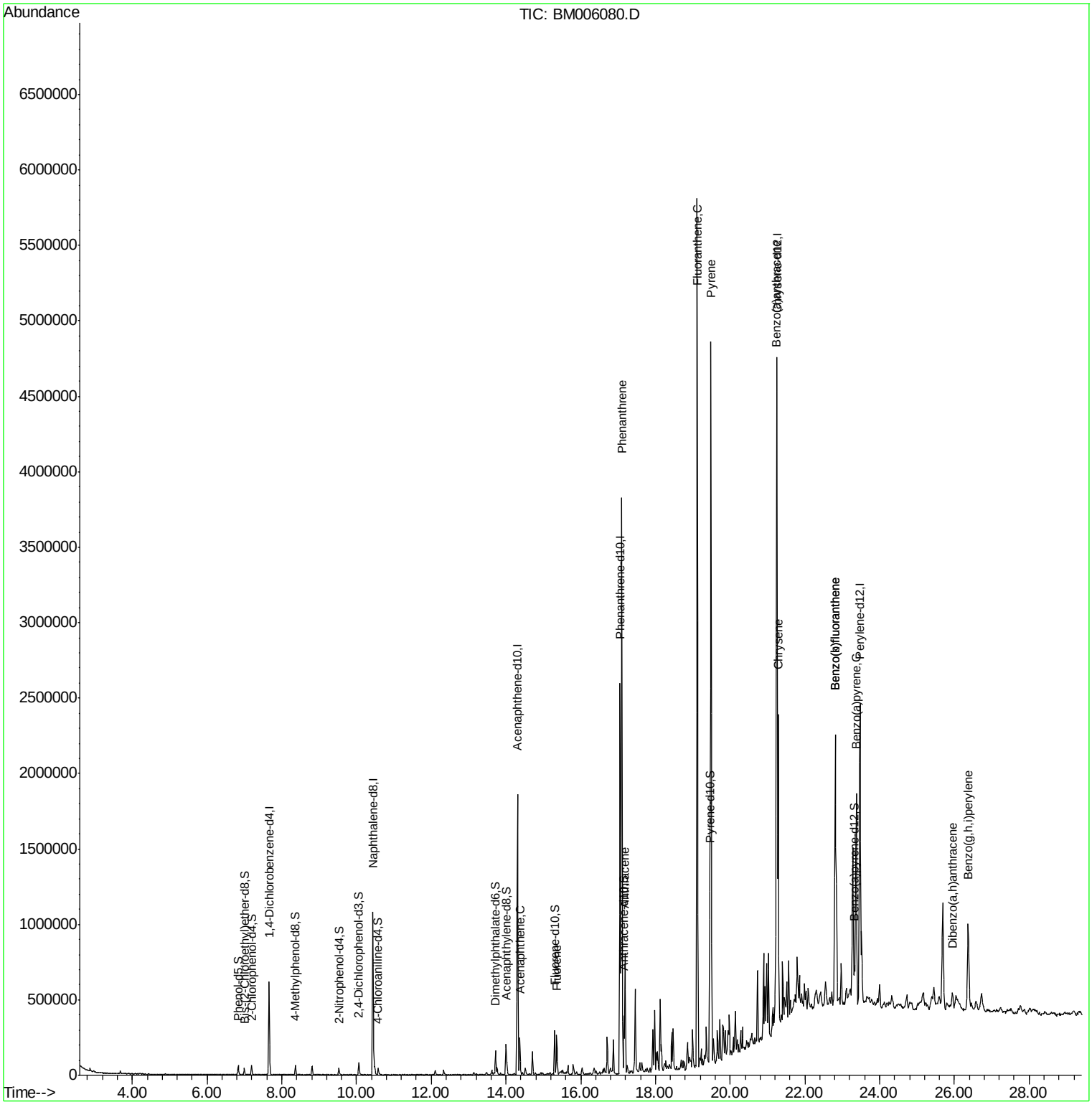
(#) = qualifier out of range (m) = manual integration (+) = signals summed

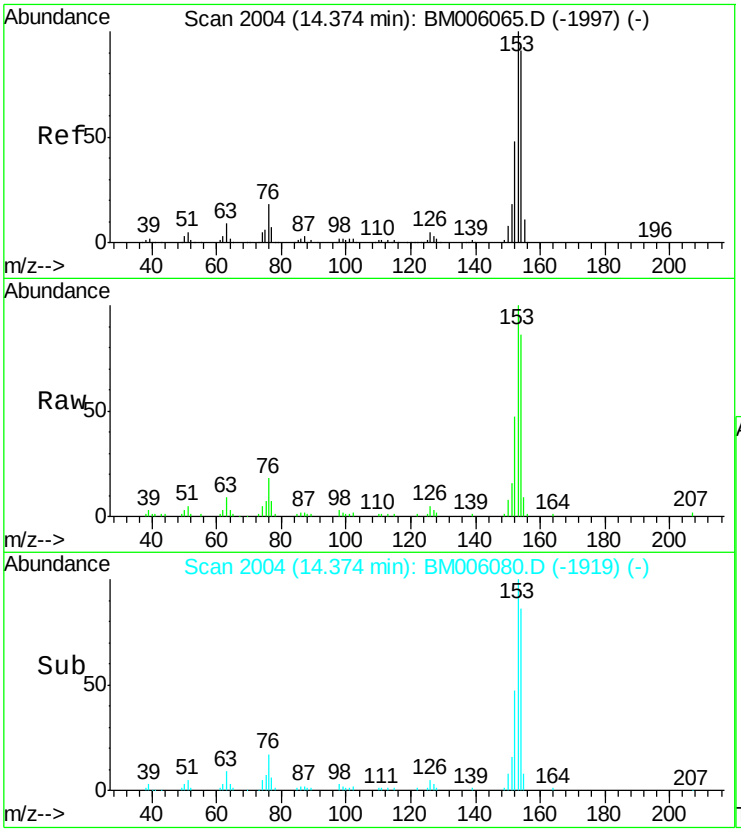
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006080.D
Acq On : 27 Jun 2016 21:21
Operator : UM/SJ
Sample : H3670-22DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YA4DL

Quant Time: Jun 28 02:14:16 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



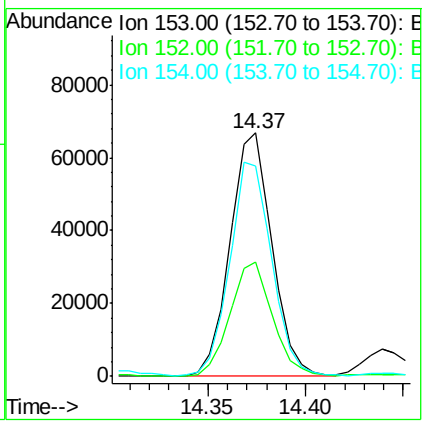


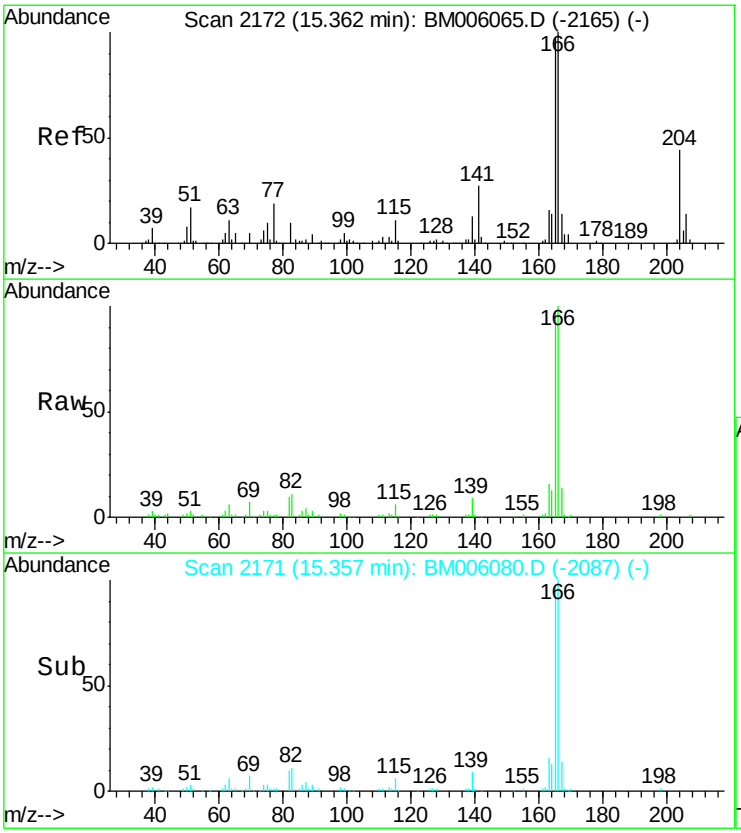
#19
Acenaphthene
Concen: 2.50 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Instrument :
BNA_M
ClientSampleId :
D9YA4DL

Tgt Ion:153 Resp: 99255

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.1	57.1
154	86.3	71.6	107.4

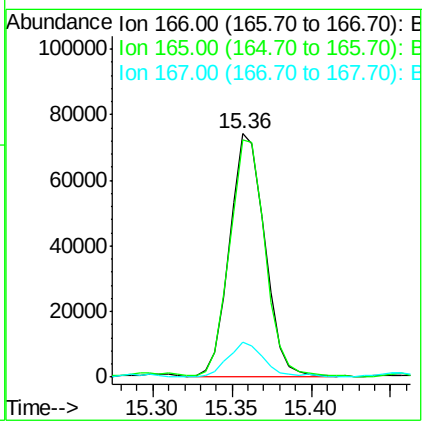


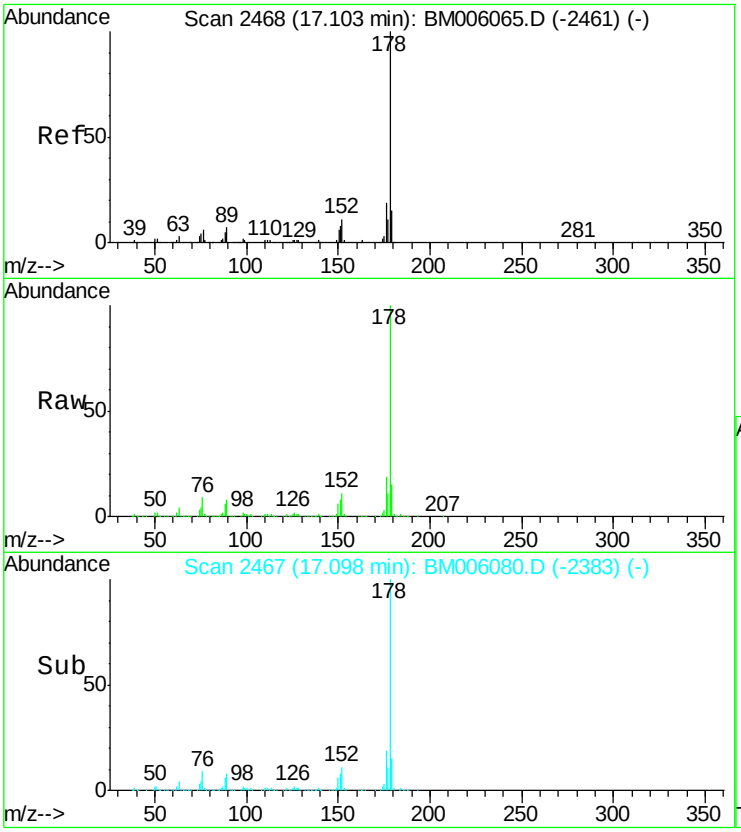


#22
Fluorene
Concen: 2.39 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Tgt Ion:166 Resp: 114296

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	14.4	10.6	16.0



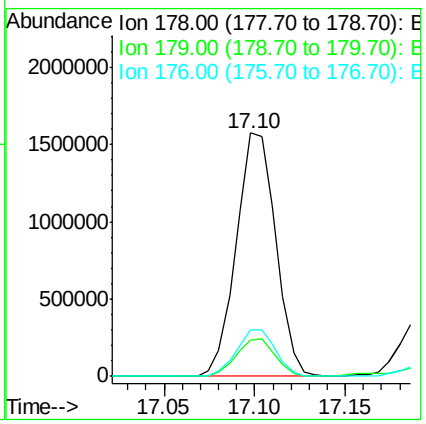


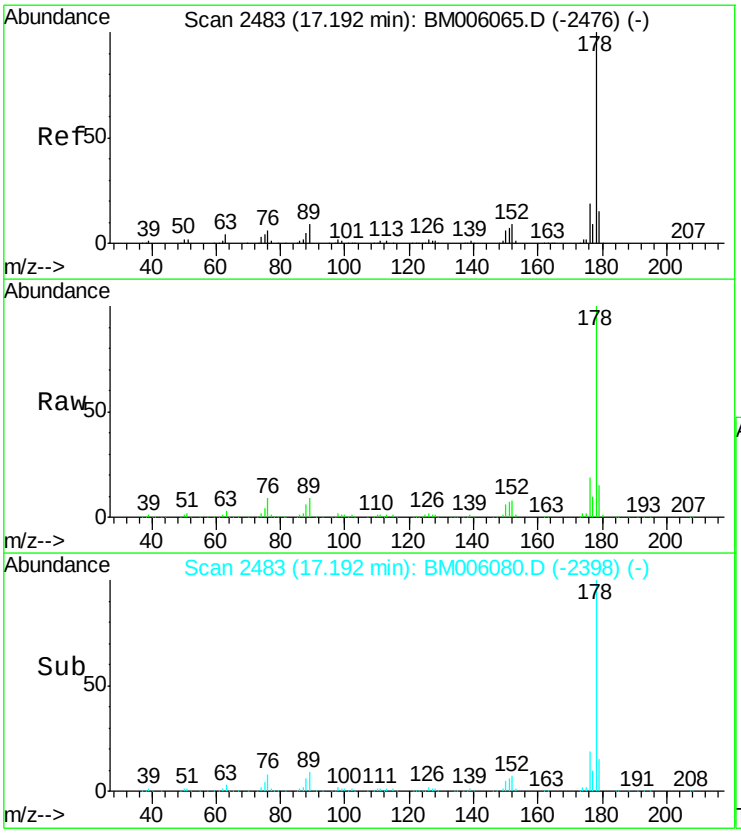
#25
Phenanthrene
Concen: 29.03 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Instrument :
BNA_M
ClientSampleId :
D9YA4DL

Tgt Ion:178 Resp: 2382830

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.2	15.3	22.9

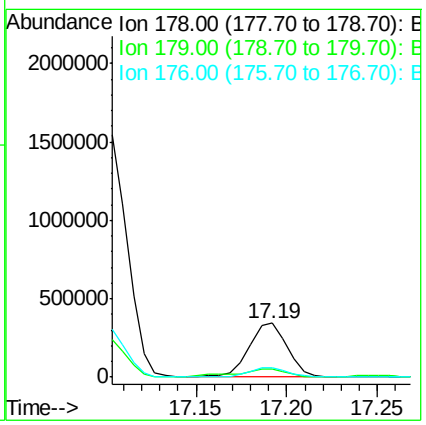


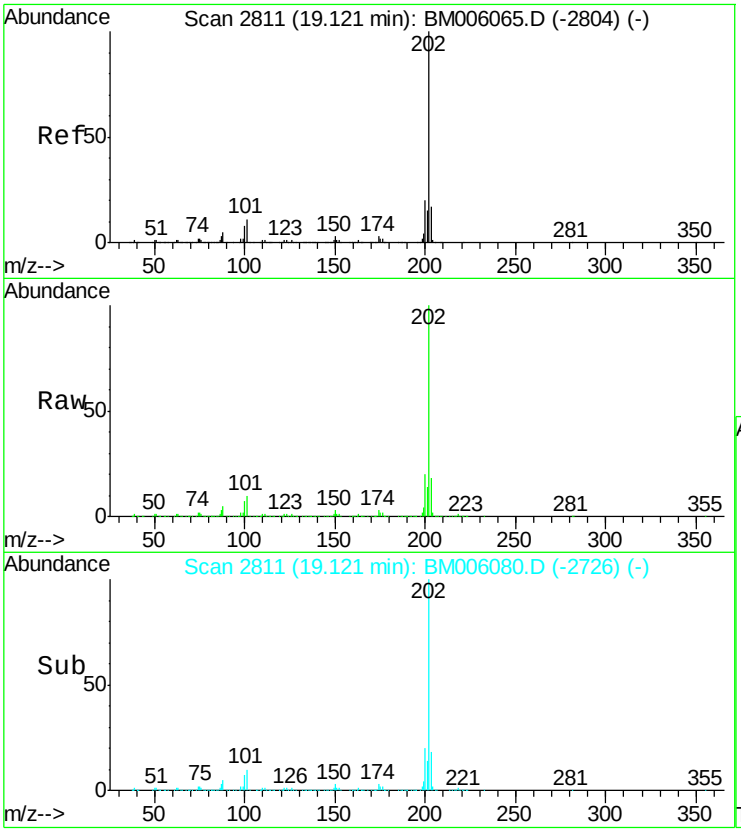


#27
Anthracene
Concen: 5.96 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Tgt Ion:178 Resp: 504923

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.6	14.6	22.0



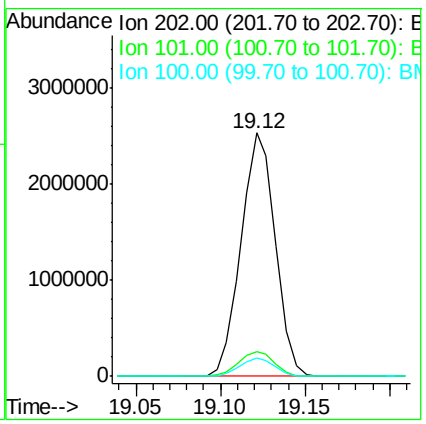


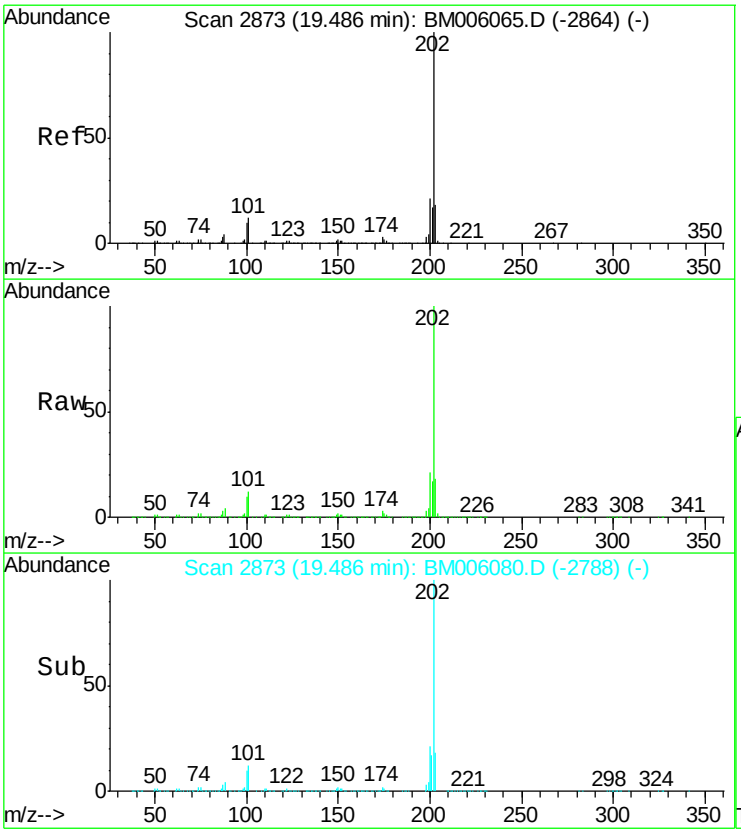
#28
Fluoranthene
Concen: 33.88 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Instrument :
BNA_M
ClientSampleId :
D9YA4DL

Tgt Ion:202 Resp: 3562036

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.5	12.7
100	7.4	6.5	9.7

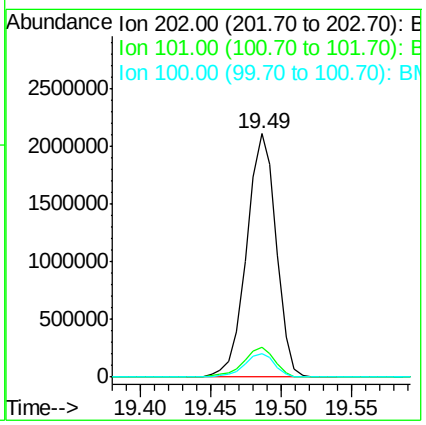


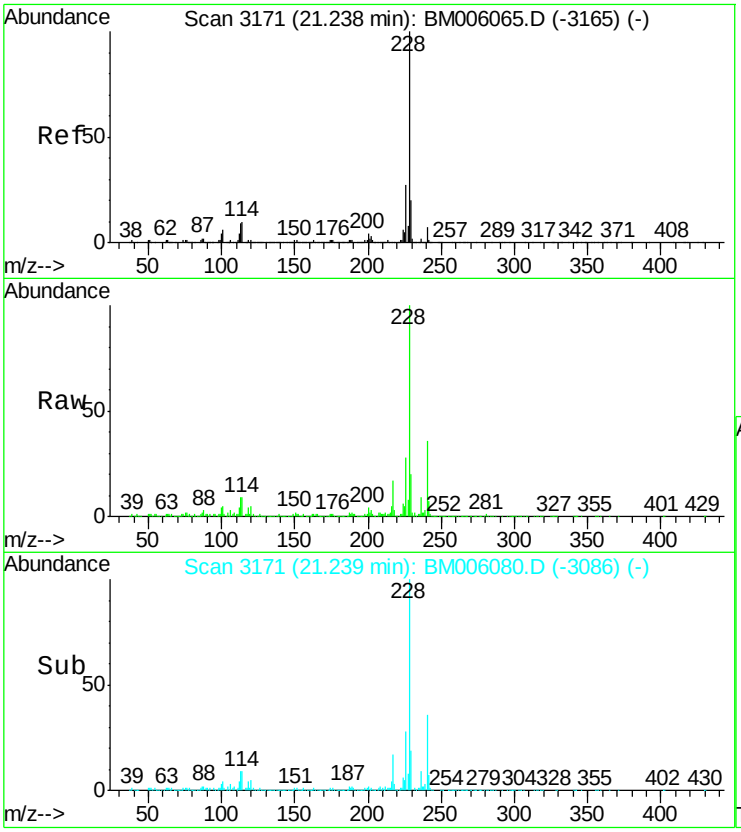


#31
Pyrene
Concen: 32.18 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Tgt Ion:202 Resp: 3112391

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.0	16.4
100	9.6	8.9	13.3



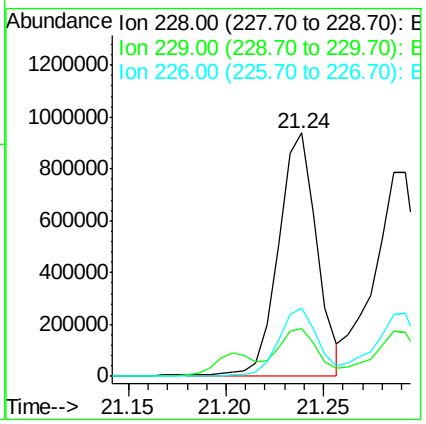


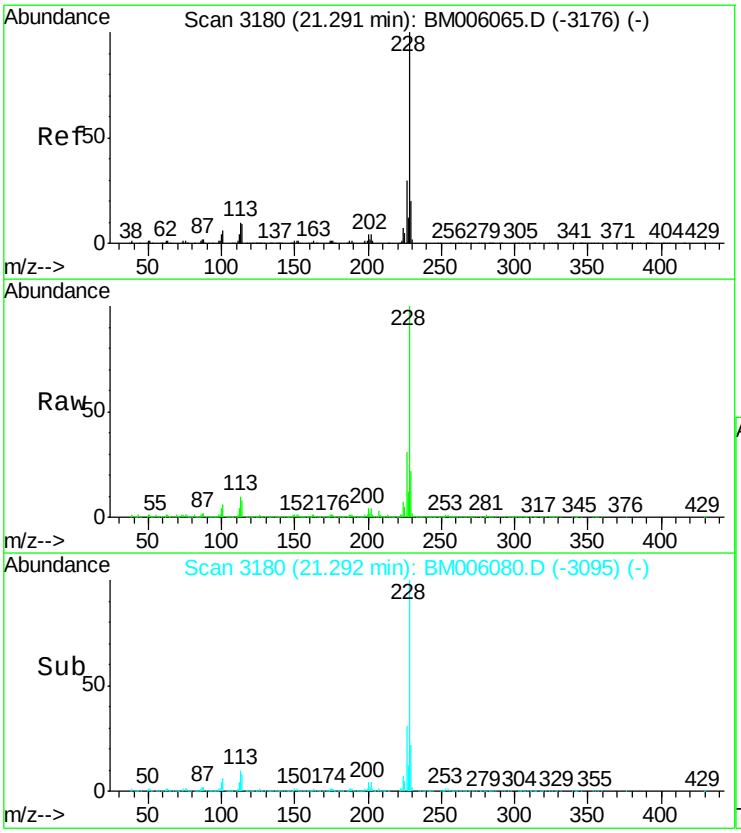
#32
Benzo(a)anthracene
Concen: 12.78 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Instrument :
BNA_M
ClientSampleId :
D9YA4DL

Tgt Ion:228 Resp: 1281973

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	28.1	21.6	32.4

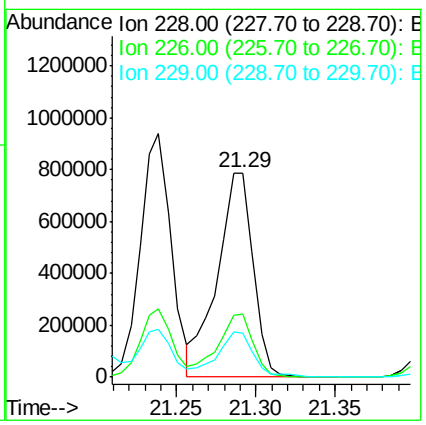


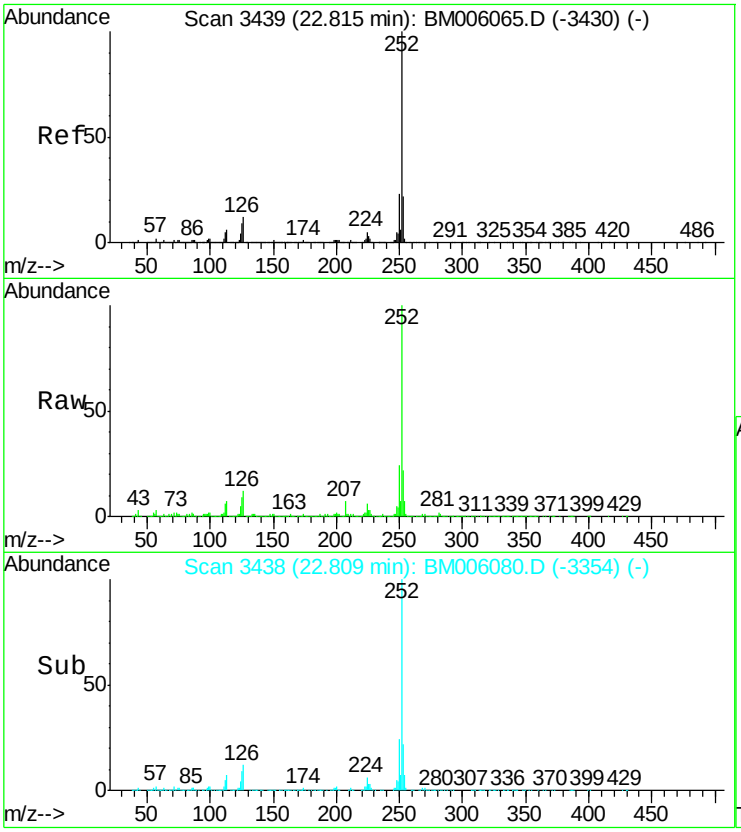


#33
Chrysene
Concen: 13.47 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Tgt Ion:228 Resp: 1234830

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	21.7	15.8	23.6



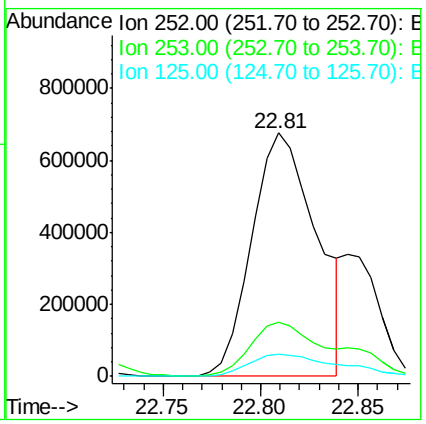


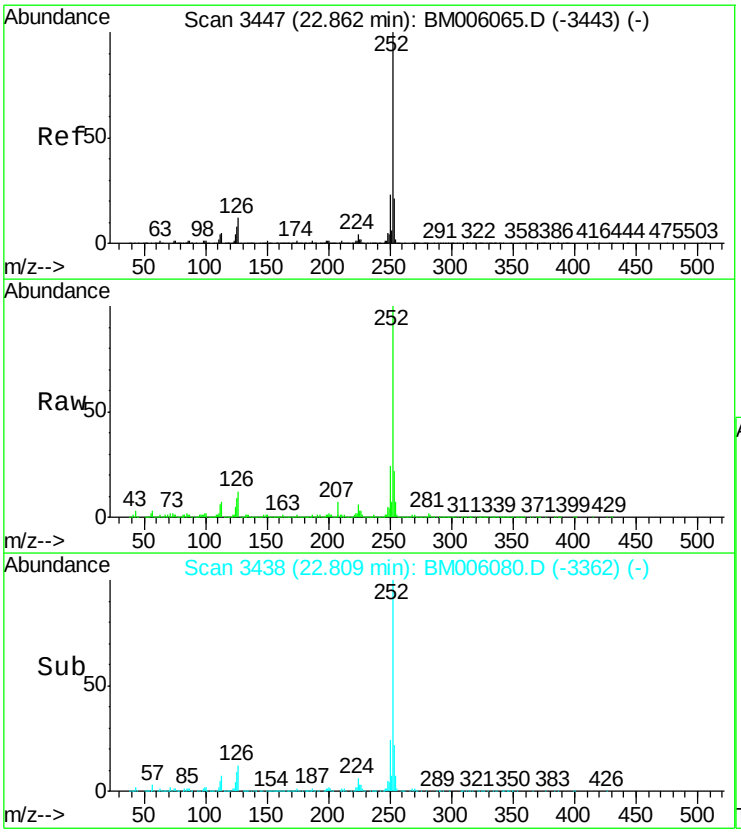
#35
Benzo(b)fluoranthene
Concen: 17.50 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Instrument :
BNA_M
ClientSampleId :
D9YA4DL

Tgt Ion:252 Resp: 1546431

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.3	7.8	11.6

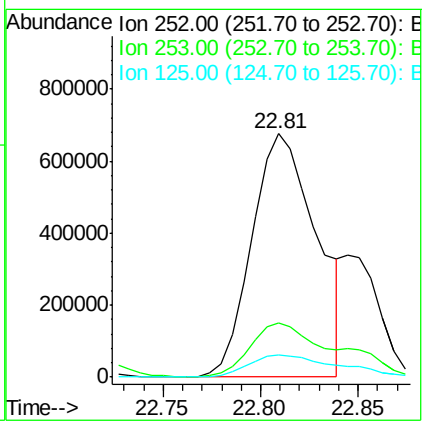


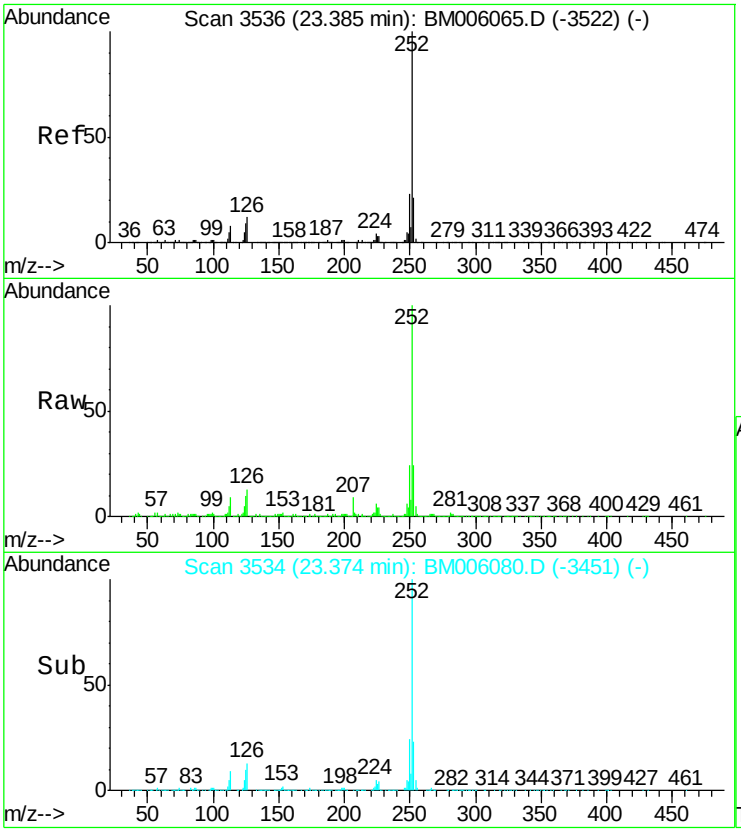


#36
Benzo(k)fluoranthene
Concen: 18.81 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.05 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Tgt Ion:252 Resp: 1546431

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.3	8.1	12.1



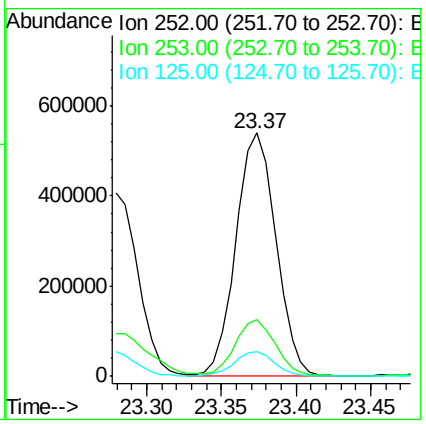


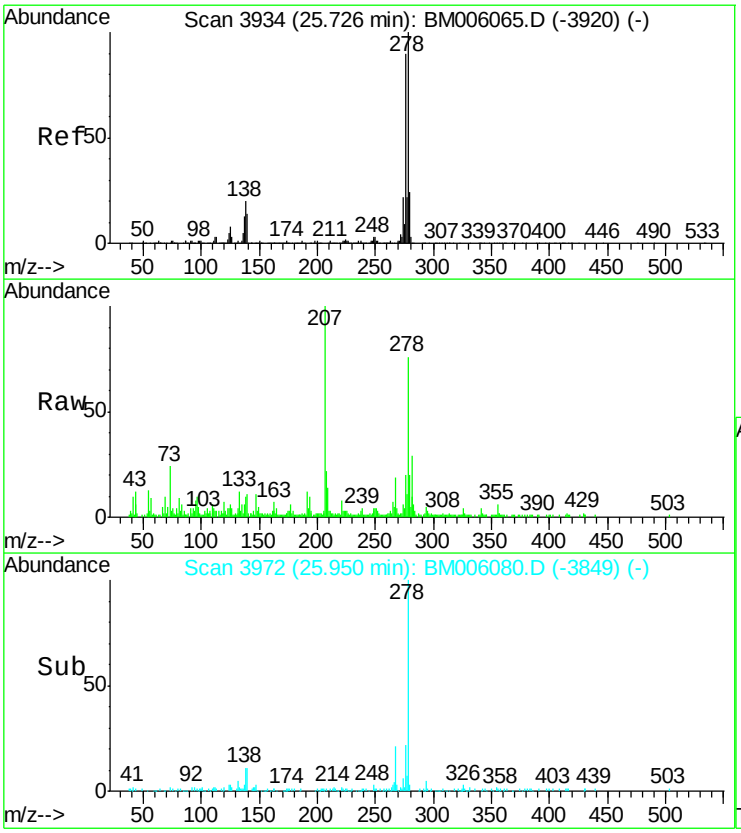
#38
Benzo(a)pyrene
Concen: 11.84 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Instrument :
BNA_M
ClientSampleId :
D9YA4DL

Tgt Ion:252 Resp: 1003284

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	10.1	8.7	13.1

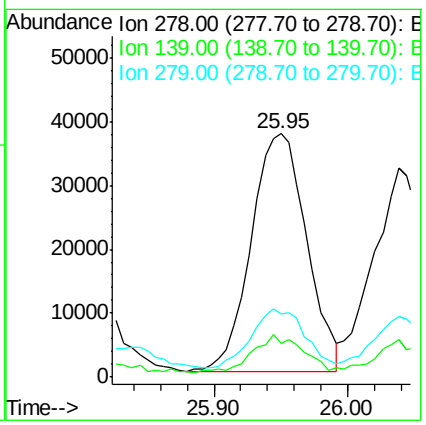


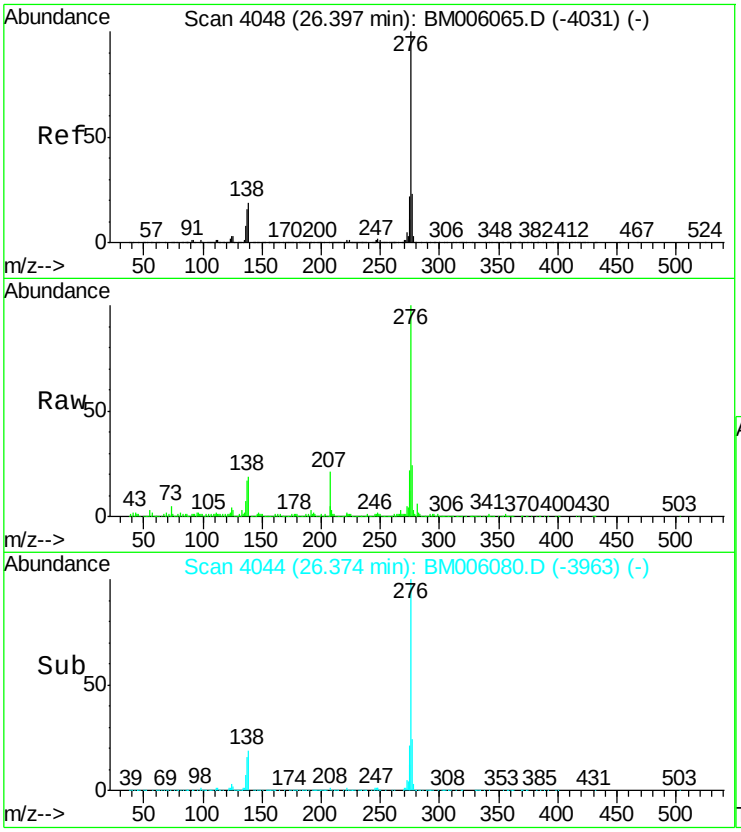


#40
Dibenzo(a,h)anthracene
Concen: 1.28 ng/ul
RT: 25.95 min Scan# 3972
Delta R.T. 0.22 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Tgt Ion:278 Resp: 107276

Ion	Ratio	Lower	Upper
278	100		
139	14.0	13.0	19.4
279	26.0	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 8.57 ng/ul
RT: 26.37 min Scan# 4044
Delta R.T. -0.02 min
Lab File: BM006080.D
Acq: 27 Jun 2016 21:21

Instrument :
BNA_M
ClientSampleId :
D9YA4DL

Tgt Ion:276 Resp: 748771

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.6	25.0
277	24.1	18.9	28.3