Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006087.D
Acq On : 28 Jun 2016 01:33
Operator : UM/SJ
Sample : H3779-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YD5

Quant Time: Jun 28 02:15:28 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	285398	20.00	ng/ul	0.00
7) Naphthalene-d8	10.45	136	1408809	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	879556	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	2105666	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	1870389	20.00	ng/ul	0.00
34) Perylene-d12	23.49	264	1690482	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	4443	0.70	ng/uL	0.00
3) Phenol-d5	6.83	99	306896	10.22	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	168794	10.11	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	225393	10.78	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	250385	9.88	ng/ul	0.00
8) Nitrobenzene-d5	8.87	128	484	0.05	ng/ul	0.06
9) 2-Nitrophenol-d4	9.53	143	118056	9.89	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.07	165	254339	11.11	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	180832	7.28	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	774253	10.28	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1025481	11.74	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	137594	8.57	ng/ul	0.00
21) Fluorene-d10	15.30	176	749208	11.65	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	28829	2.47	ng/ul	0.00
26) Anthracene-d10	17.16	188	1215507	12.57	ng/ul	0.00
30) Pyrene-d10	19.46	212	1331265	16.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.34	264	957008	12.54	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	14.03	152	116370	1.26	ng/ul	99
25) Phenanthrene	17.10	178	925094	8.17	ng/ul	100
27) Anthracene	17.19	178	275240	2.35	ng/ul	99
28) Fluoranthene	19.13	202	2599885	17.92	ng/ul	98
31) Pyrene	19.49	202	2069551	19.33	ng/ul	95
32) Benzo(a)anthracene	21.24	228	1173078	10.56	ng/ul	97
33) Chrysene	21.29	228	1107033	10.91	ng/ul	96
35) Benzo(b)fluoranthene	22.82	252	1499723	15.27	ng/ul	96
36) Benzo(k)fluoranthene	22.82	252	1499723	16.41	ng/ul	97
38) Benzo(a)pyrene	23.39	252	961595	10.21	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.72	276	729877	6.50	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.71	278	192520	2.06	ng/ul#	83
41) Benzo(g,h,i)perylene	26.40	276	656758	6.76	ng/ul	96

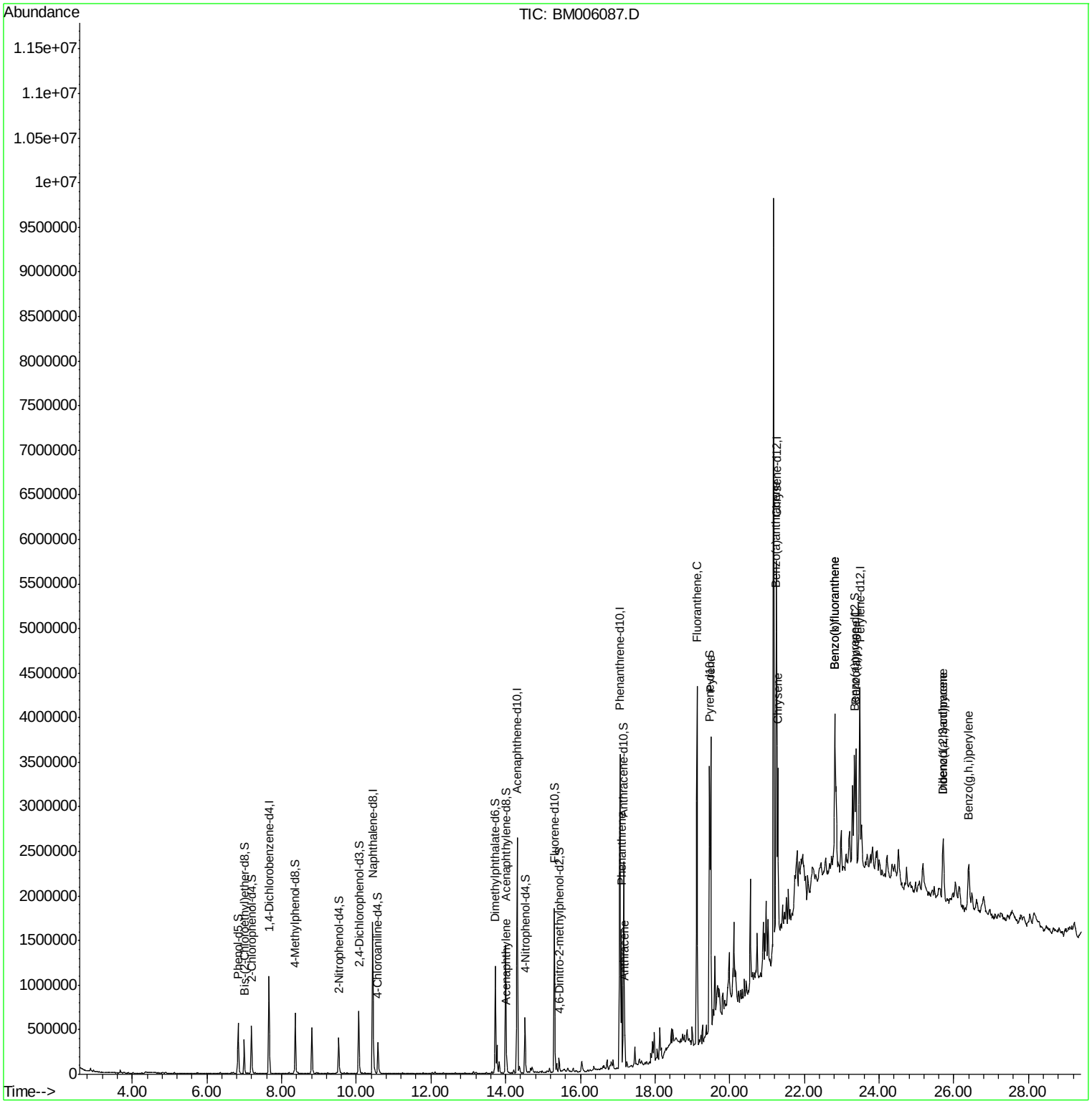
(#) = qualifier out of range (m) = manual integration (+) = signals summed

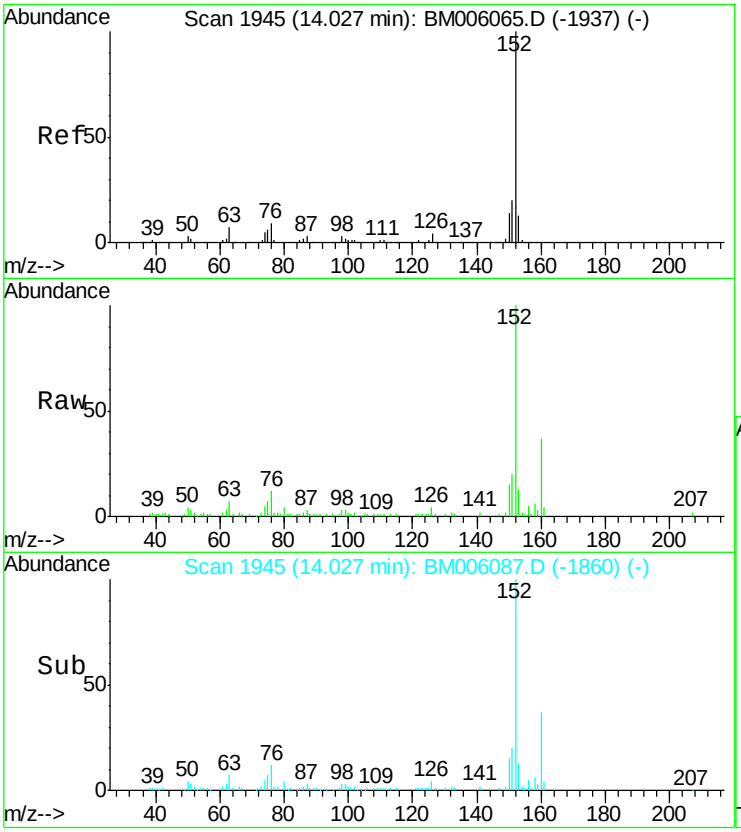
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006087.D
Acq On : 28 Jun 2016 01:33
Operator : UM/SJ
Sample : H3779-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YD5

Quant Time: Jun 28 02:15:28 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



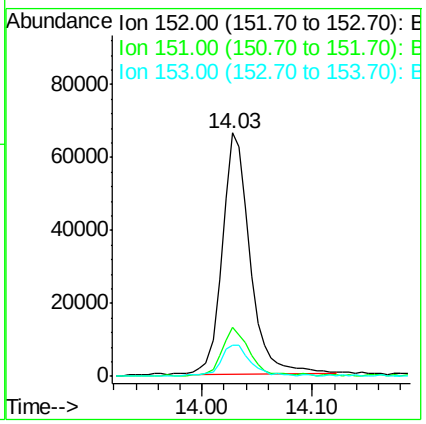


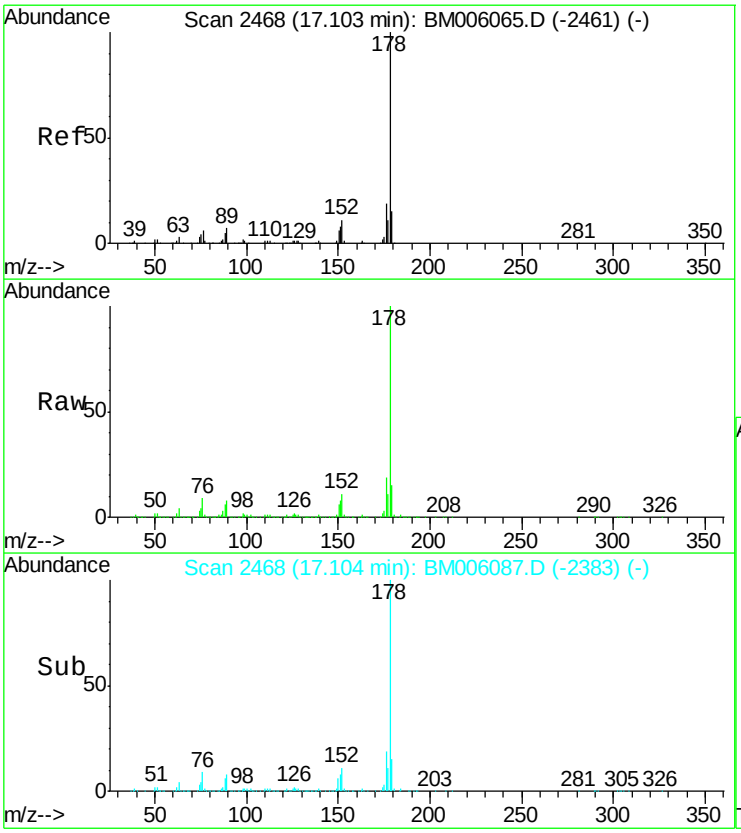
#18
Acenaphthylene
Concen: 1.26 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:152 Resp: 116370

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	12.7	10.3	15.5

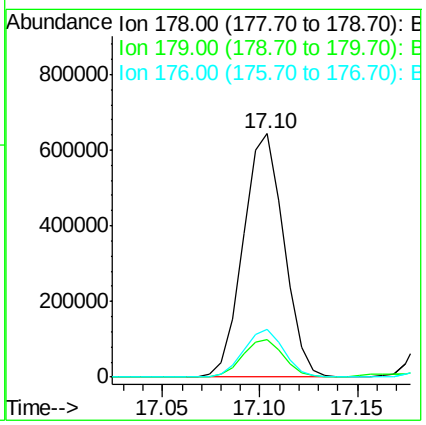


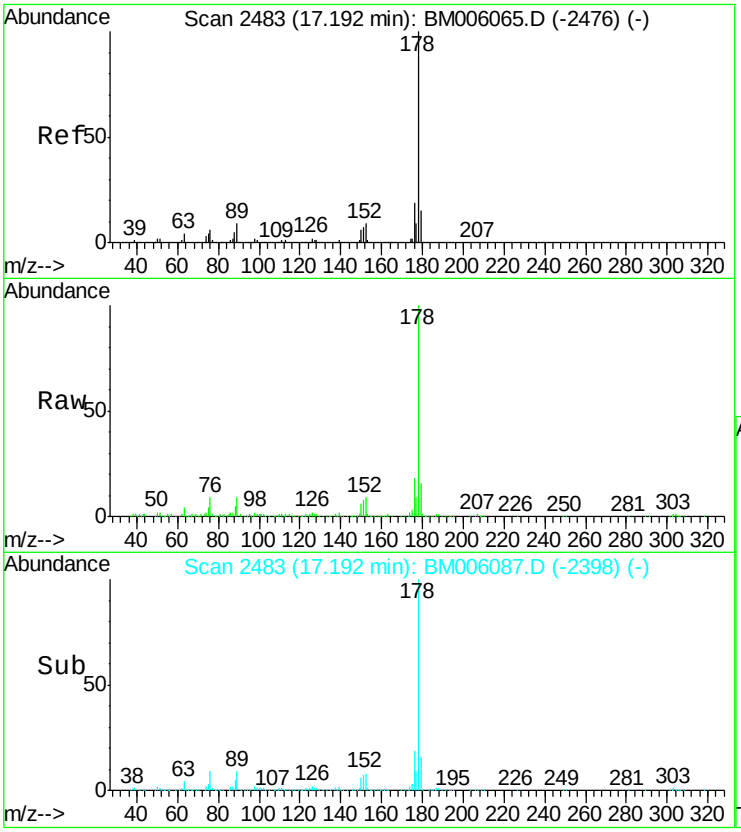


#25
Phenanthrene
Concen: 8.17 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Tgt Ion:178 Resp: 925094

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.4	15.3	22.9



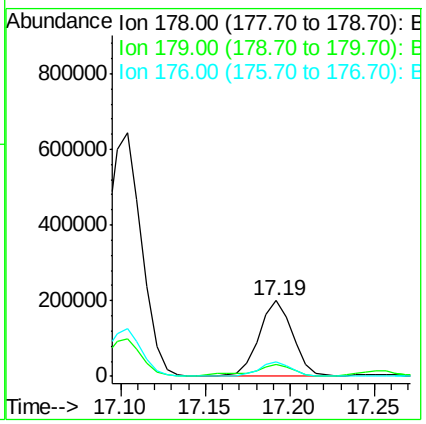


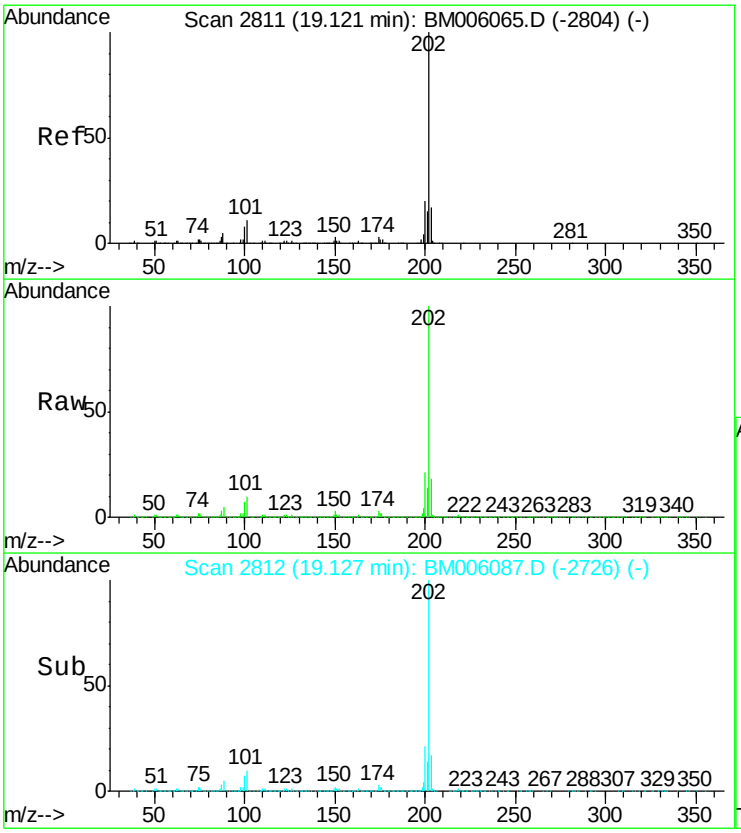
#27
Anthracene
Concen: 2.35 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:178 Resp: 275240

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.5	14.6	22.0

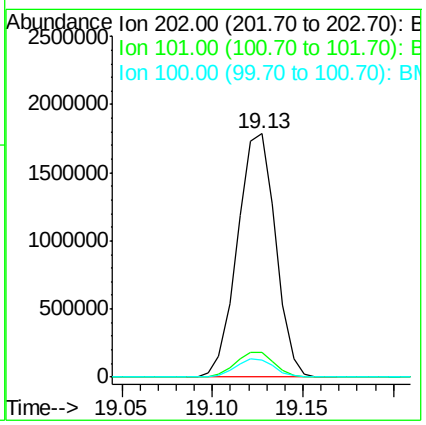


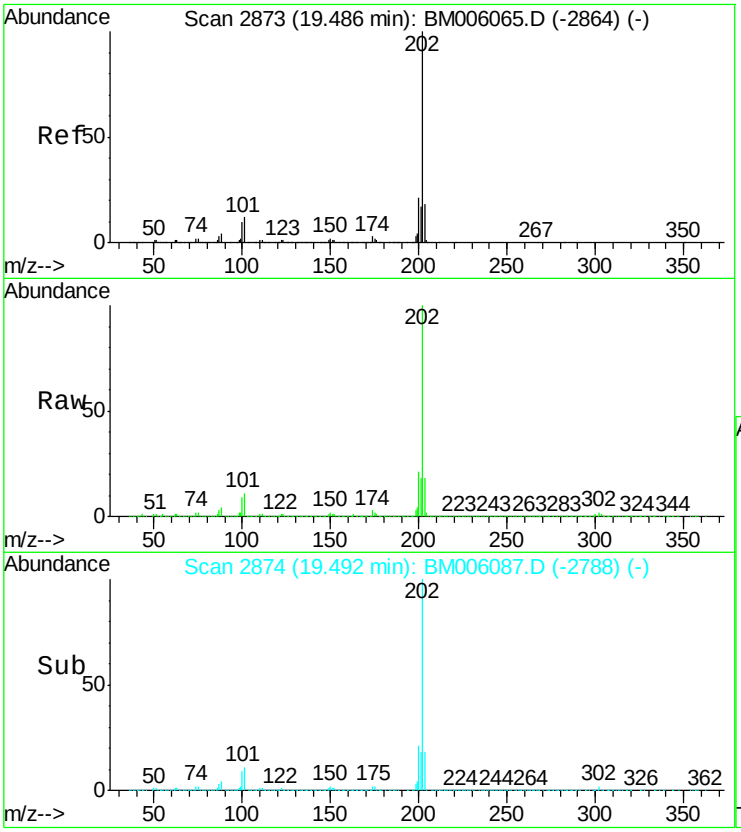


#28
Fluoranthene
Concen: 17.92 ng/ul
RT: 19.13 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Tgt Ion:202 Resp: 2599885

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.5	12.7
100	7.3	6.5	9.7



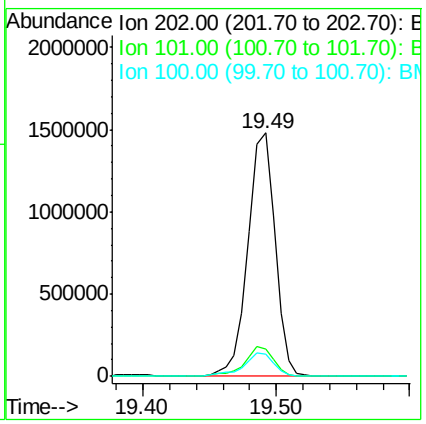


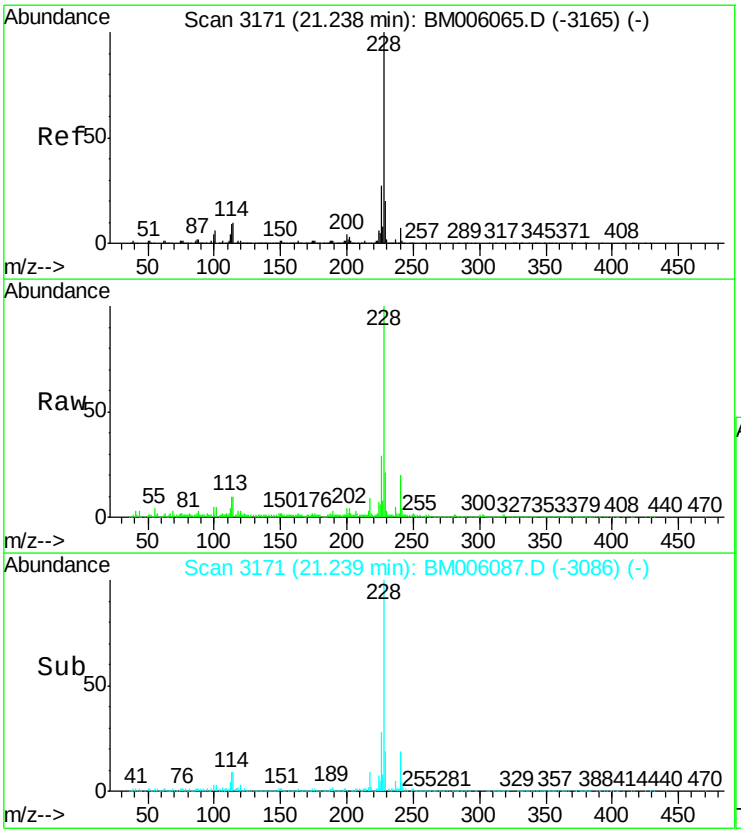
#31
Pyrene
Concen: 19.33 ng/ul
RT: 19.49 min Scan# 2874
Delta R.T. 0.01 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:202 Resp: 2069551

Ion	Ratio	Lower	Upper
202	100		
101	11.5	11.0	16.4
100	9.4	8.9	13.3

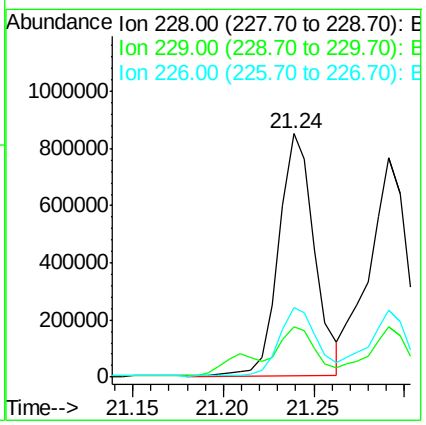


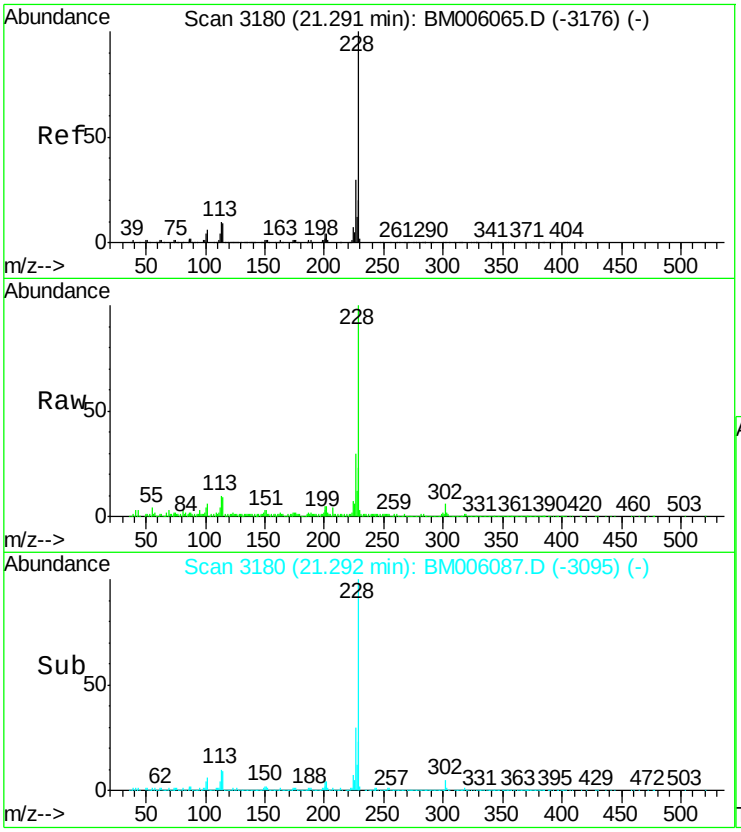


#32
Benzo(a)anthracene
Concen: 10.56 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Tgt Ion:228 Resp: 1173078

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	28.5	21.6	32.4



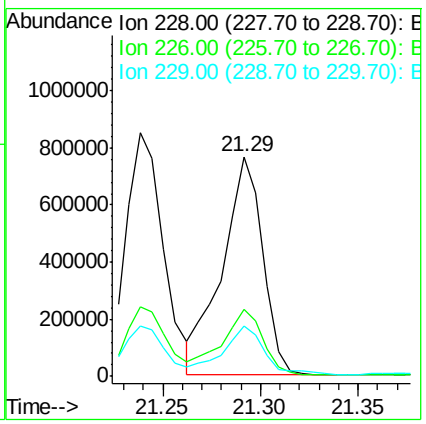


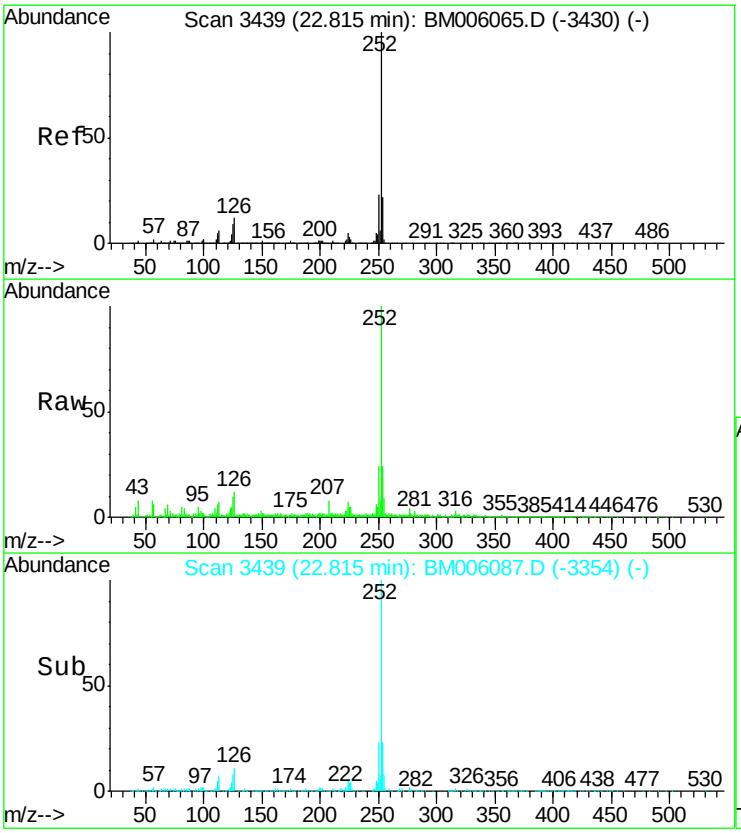
#33
Chrysene
Concen: 10.91 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:228 Resp: 1107033

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	23.0	15.8	23.6

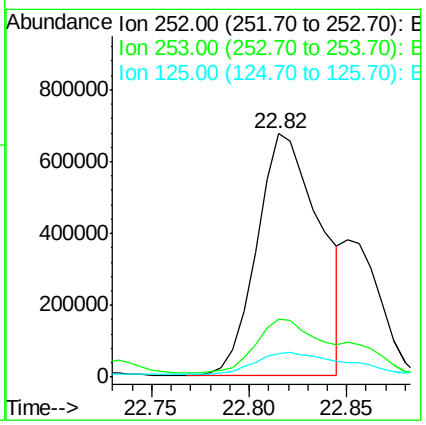


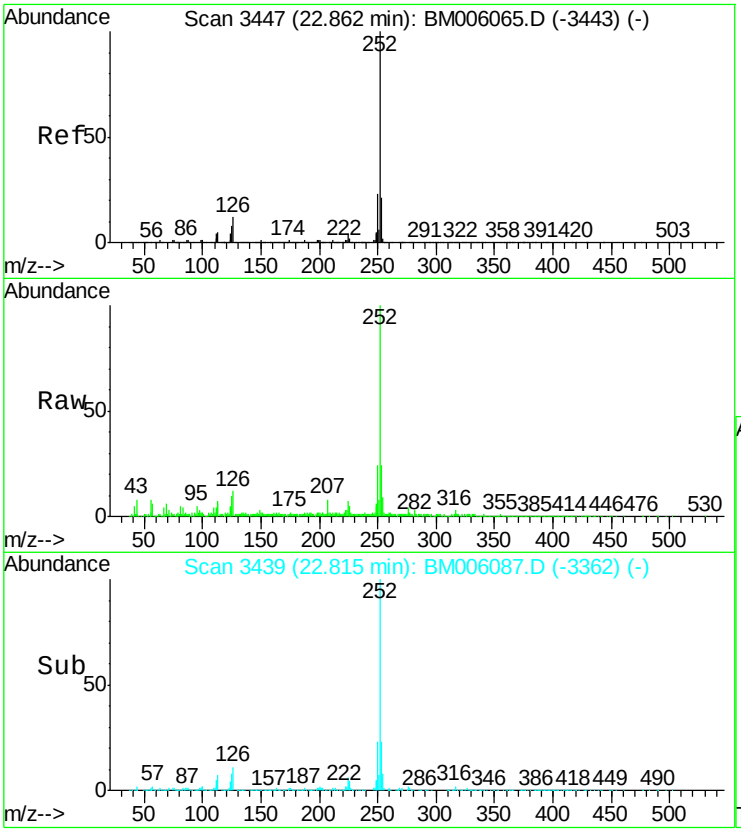


#35
Benzo(b)fluoranthene
Concen: 15.27 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. 0.00 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Tgt Ion:252 Resp: 1499723

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	9.7	7.8	11.6



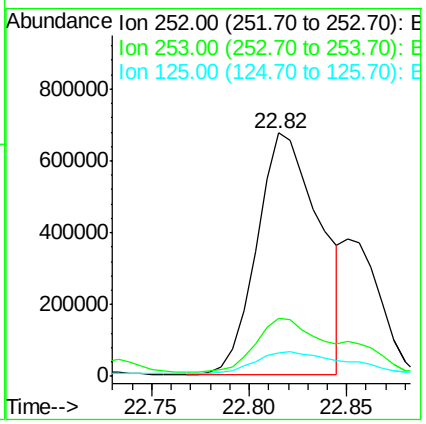


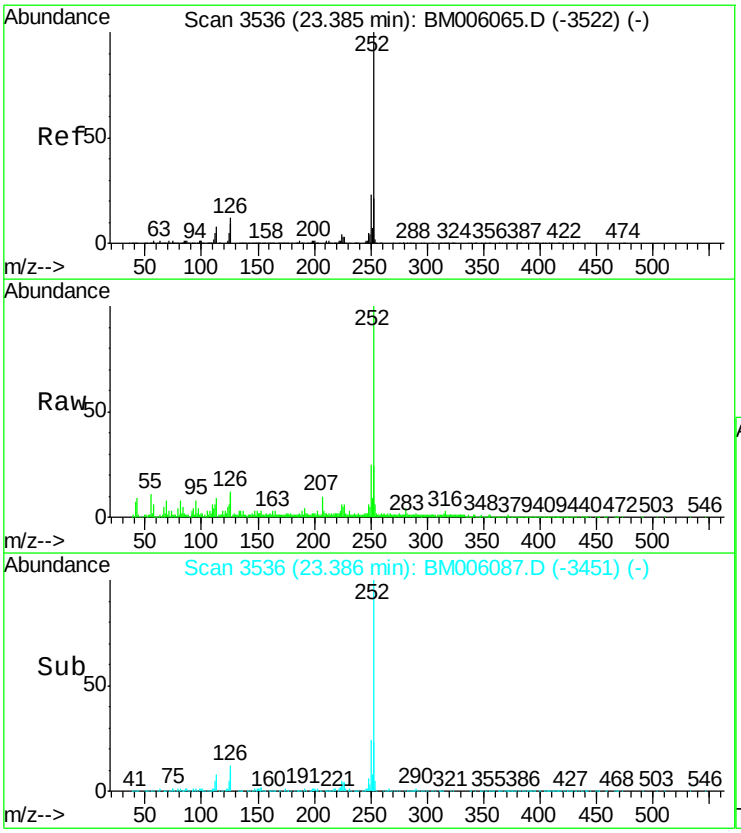
#36
Benzo(k)fluoranthene
Concen: 16.41 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. -0.05 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:252 Resp: 1499723

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	9.7	8.1	12.1

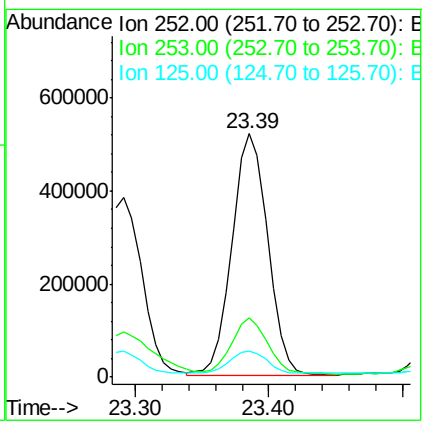


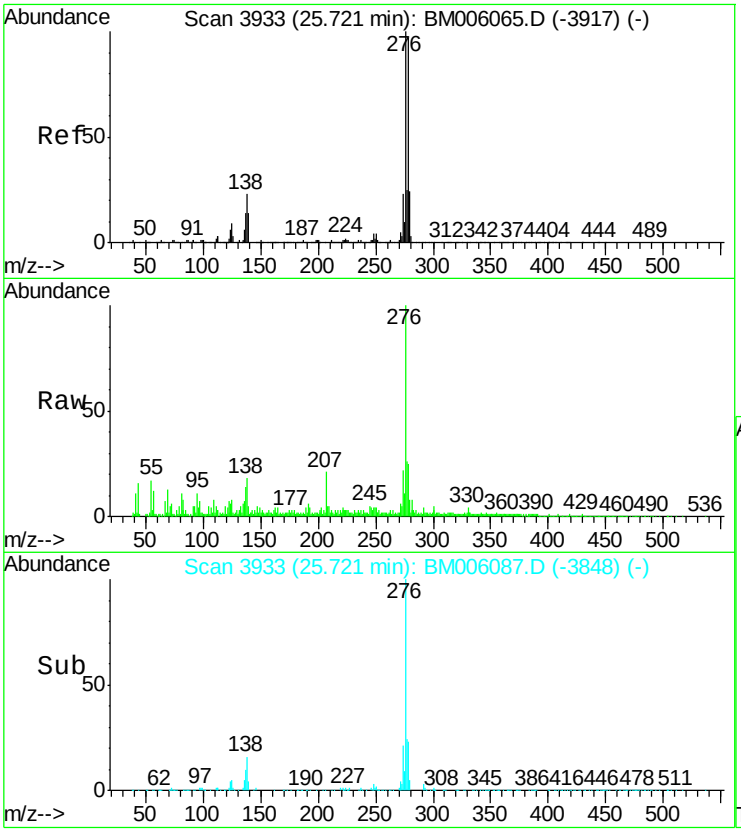


#38
Benzo(a)pyrene
Concen: 10.21 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Tgt Ion:252 Resp: 961595

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	10.8	8.7	13.1



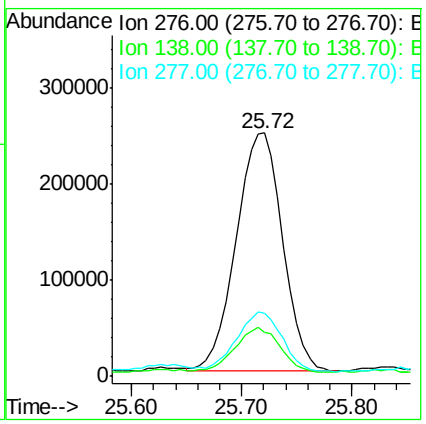


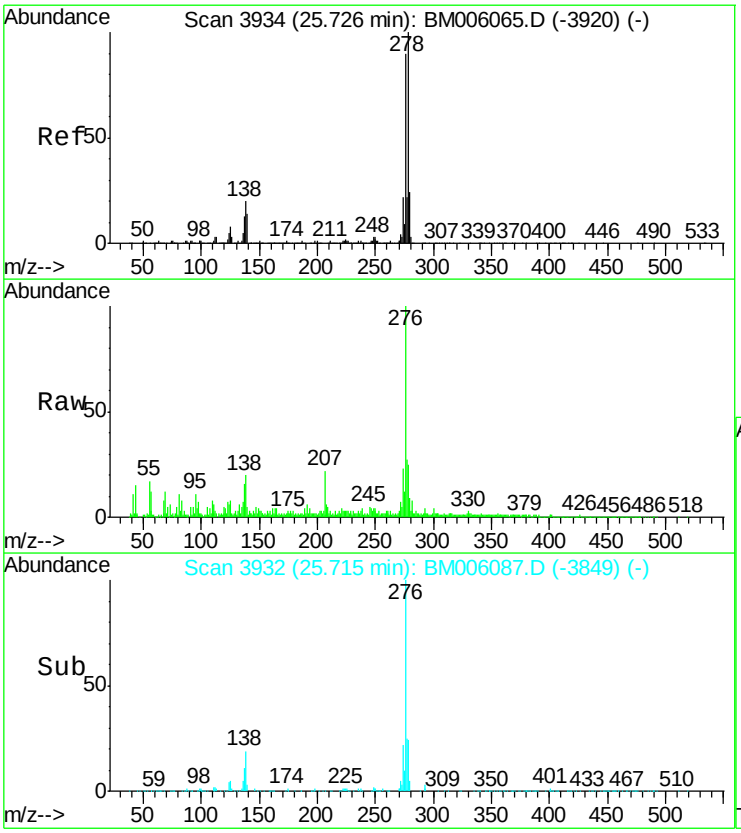
#39
Indeno(1,2,3-cd)pyrene
Concen: 6.50 ng/ul
RT: 25.72 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:276 Resp: 729877

Ion	Ratio	Lower	Upper
276	100		
138	18.3	20.4	30.6#
277	25.9	20.6	30.8

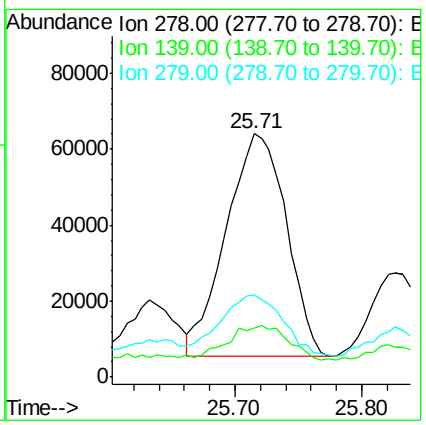


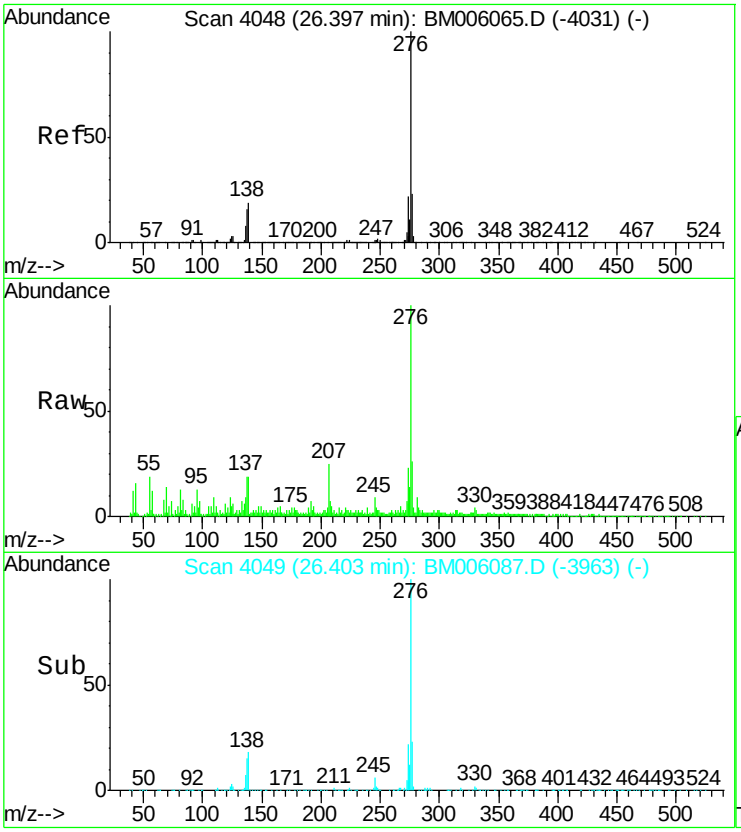


#40
Dibenzo(a,h)anthracene
Concen: 2.06 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Tgt Ion:278 Resp: 192520

Ion	Ratio	Lower	Upper
278	100		
139	20.3	13.0	19.4#
279	34.0	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 6.76 ng/ul
RT: 26.40 min Scan# 4049
Delta R.T. 0.01 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:276 Resp: 656758

Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.6	25.0
277	25.7	18.9	28.3