Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM063016\
Data File : BM006164.D
Acq On : 30 Jun 2016 19:12
Operator : UM/SJ
Sample : H3779-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YD5

Quant Time: Jul 01 00:58:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	205788	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	812478	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	421403	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	910525	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	965543	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1035562	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6025	1.36	ng/uL	0.00
3) Phenol-d5	6.83	99	251942	14.99	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	154462	15.58	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	195750	15.17	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	192053	14.19	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	93680	17.12	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	99032	15.81	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	179836	15.74	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	93258	10.32	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	491986	16.29	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	647804	17.67	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	86395	15.07	ng/ul	0.00
21) Fluorene-d10	15.30	176	444037	17.23	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	47803	14.82	ng/ul	0.00
26) Anthracene-d10	17.15	188	668165	18.29	ng/ul	0.00
30) Pyrene-d10	19.45	212	708204	18.21	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	744103	18.06	ng/ul	0.01
Target Compounds						Qvalue
18) Acenaphthylene	14.02	152	58166	1.52	ng/ul	98
25) Phenanthrene	17.10	178	488827	11.34	ng/ul	99
27) Anthracene	17.19	178	156713	3.54	ng/ul	99
28) Fluoranthene	19.12	202	1365805	25.88	ng/ul	100
31) Pyrene	19.49	202	1101139	21.62	ng/ul	96
32) Benzo(a)anthracene	21.24	228	756124	15.06	ng/ul	97
33) Chrysene	21.29	228	732972	15.86	ng/ul	98
35) Benzo(b)fluoranthene	22.81	252	1122037	20.88	ng/ul	97
36) Benzo(k)fluoranthene	22.81	252	1122037	22.25	ng/ul	98
38) Benzo(a)pyrene	23.38	252	743079	14.63	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.71	276	590212	11.18	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.70	278	158099	3.62	ng/ul#	72
41) Benzo(g,h,i)perylene	26.39	276	540088	12.23	ng/ul	98

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

Quantitation Report (Not Reviewed)

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Instrument :
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Quant Title : SVOA CALIBRATION
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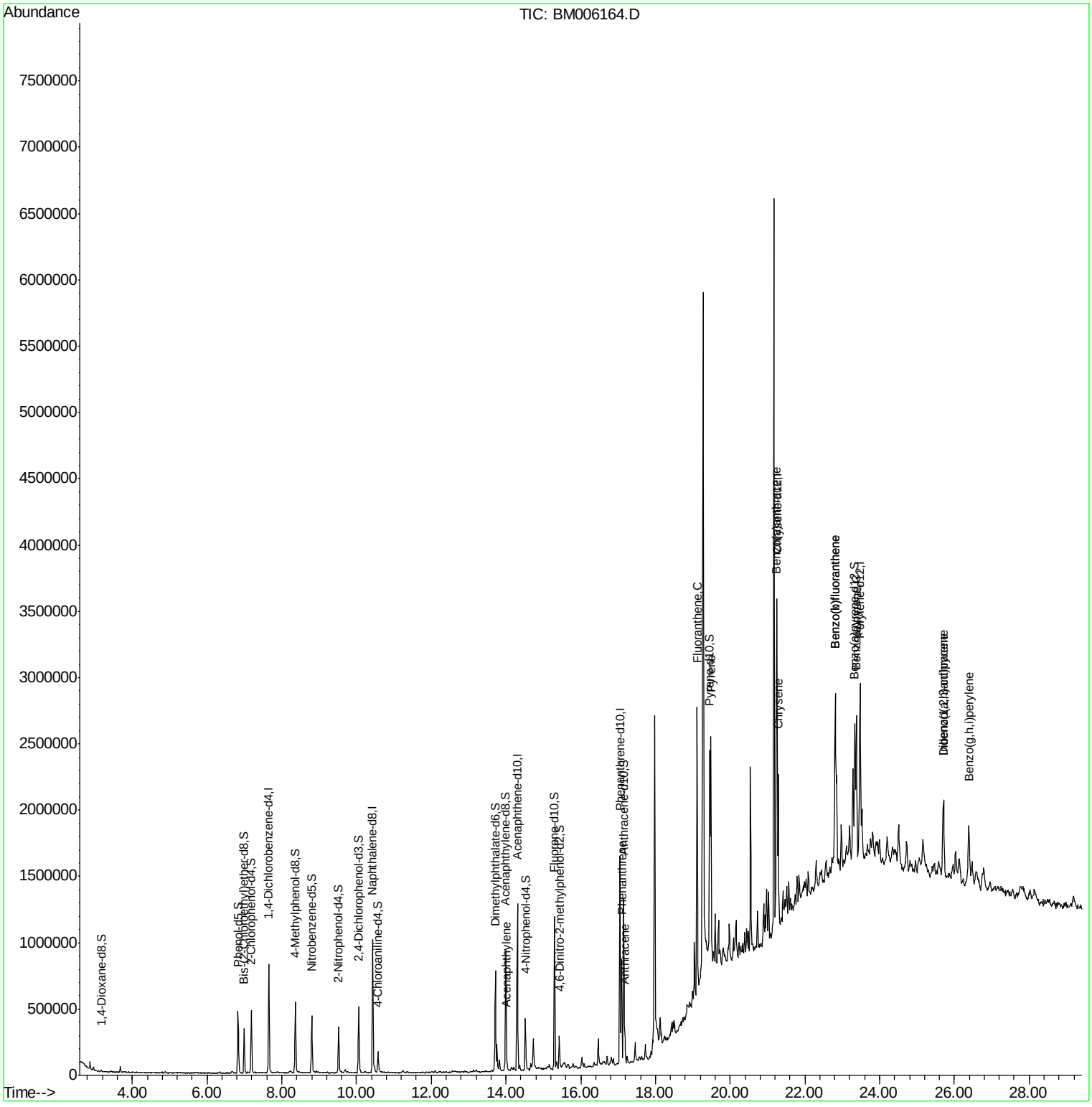
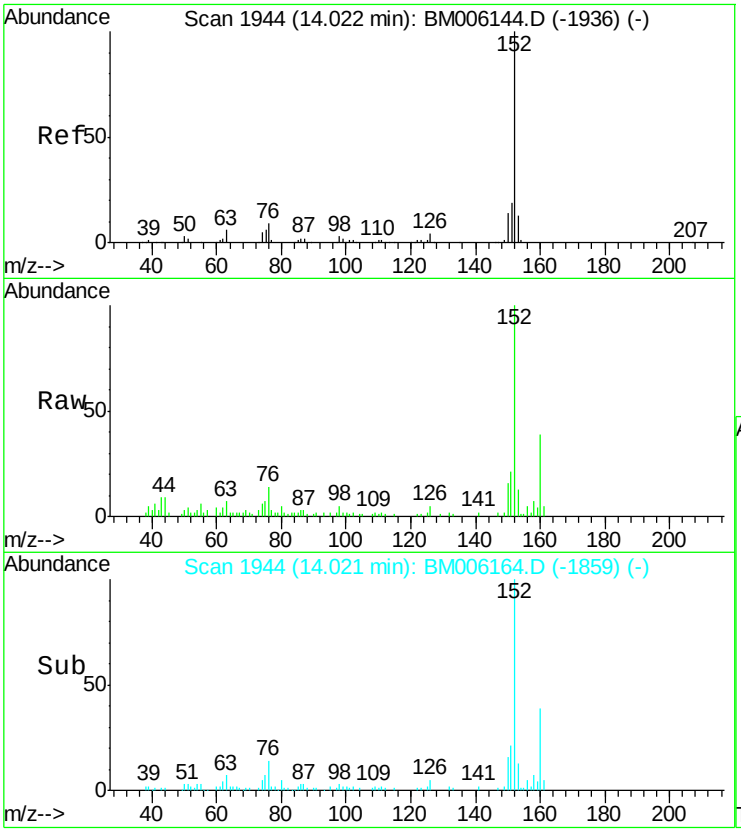


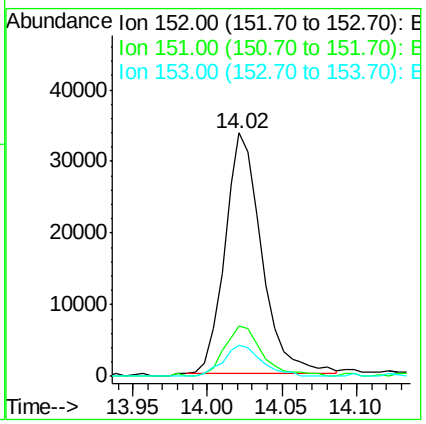


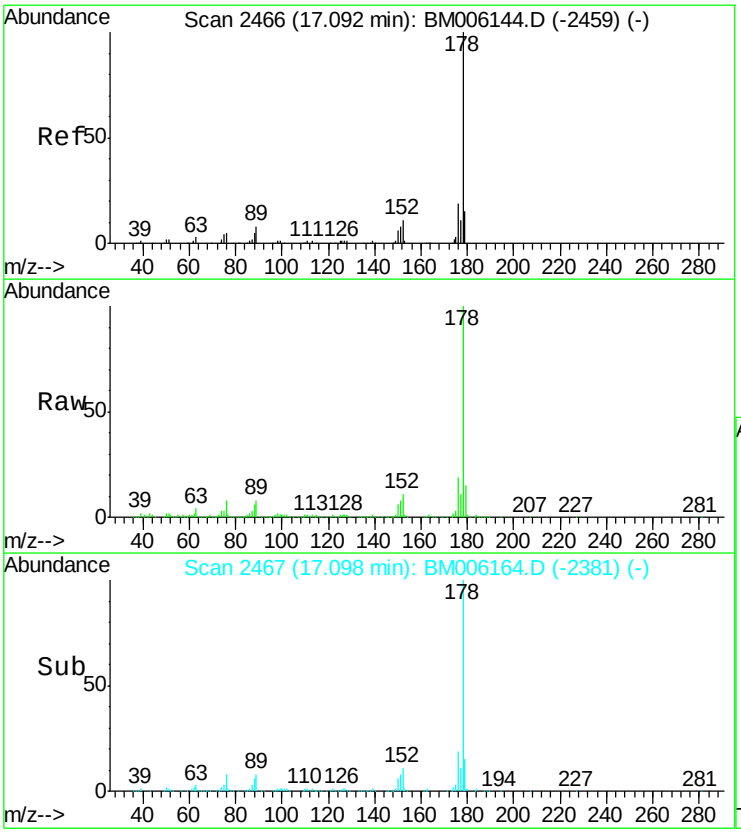
#18
Acenaphthylene
Concen: 1.52 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:152 Resp: 58166

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.6
153	13.0	10.3	15.5

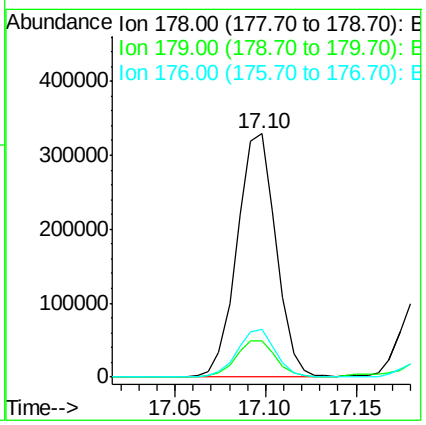


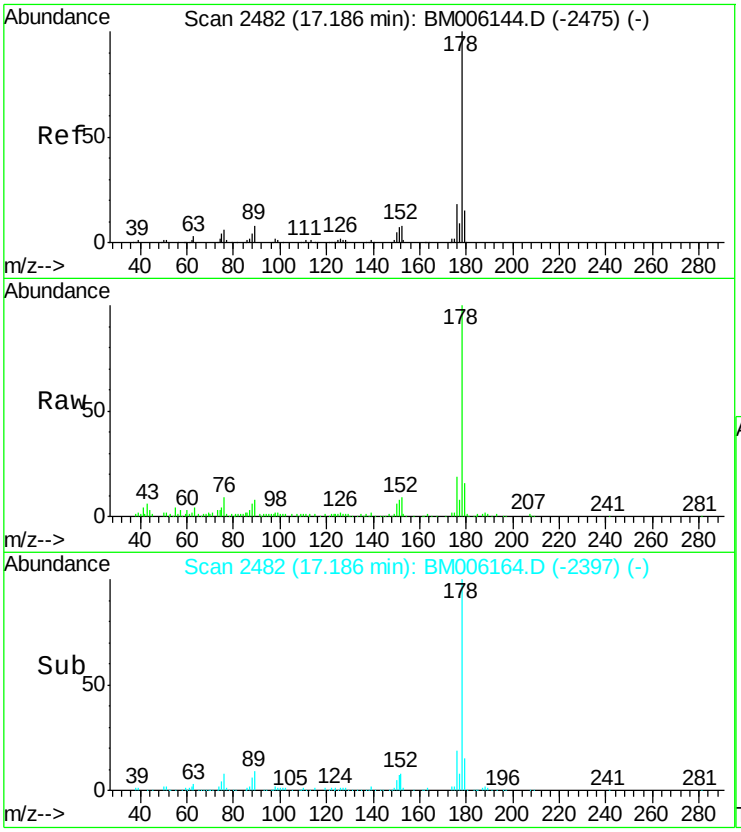


#25
Phenanthrene
Concen: 11.34 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Tgt Ion:178 Resp: 488827

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.5	15.3	22.9



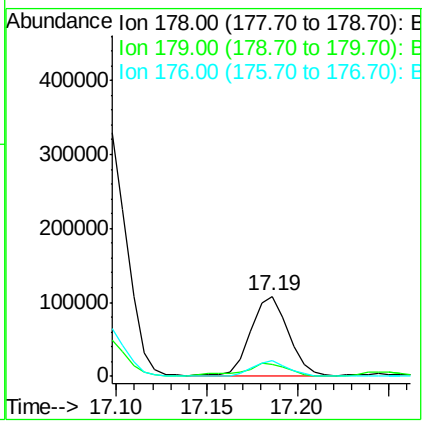


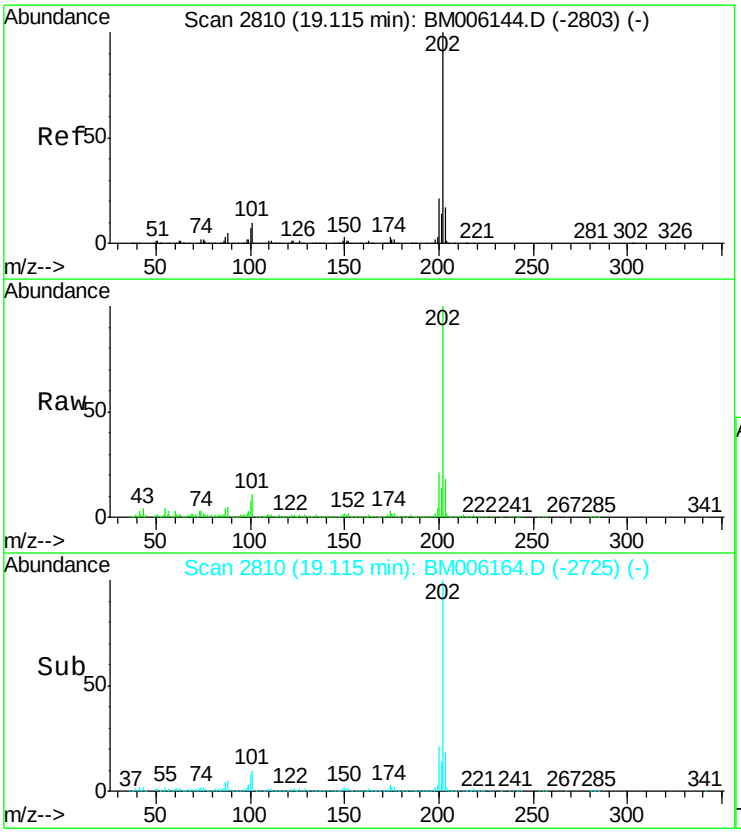
#27
Anthracene
Concen: 3.54 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:178 Resp: 156713

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.3	14.6	22.0

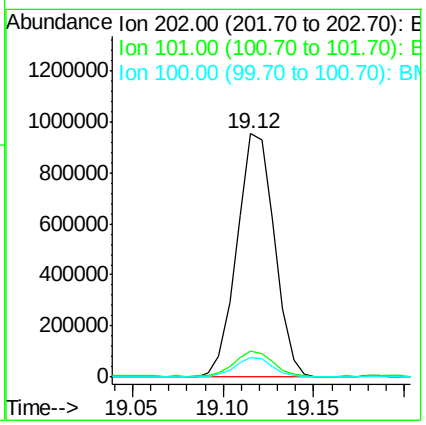


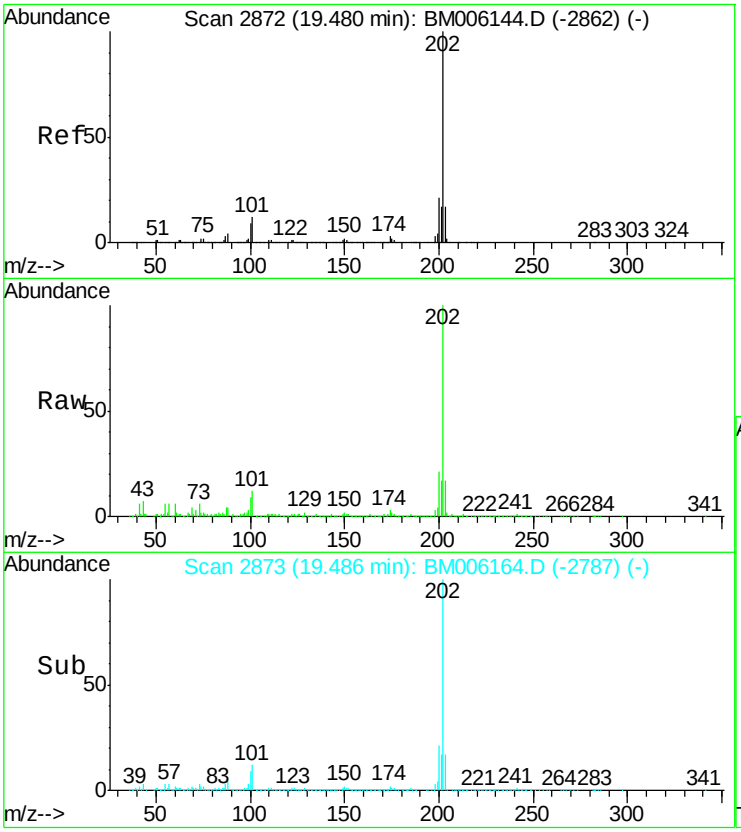


#28
Fluoranthene
Concen: 25.88 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Tgt Ion:202 Resp: 1365805

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
100	8.0	6.5	9.7



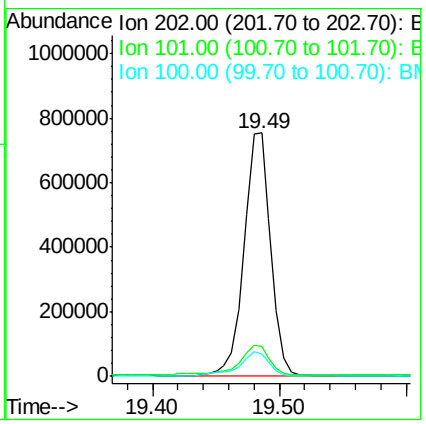


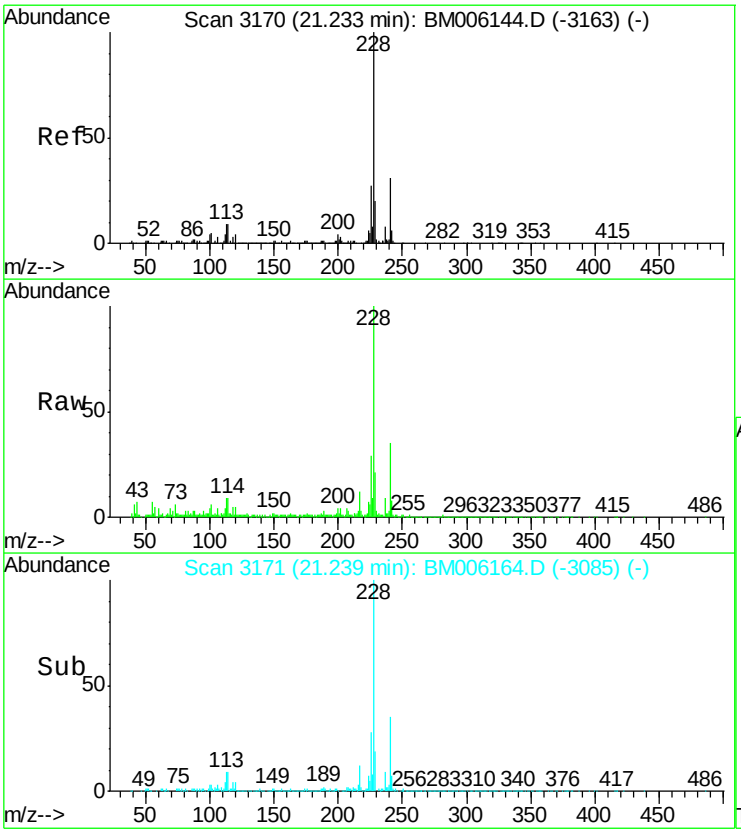
#31
Pyrene
Concen: 21.62 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:202 Resp: 1101139

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.0	16.4
100	9.4	8.9	13.3

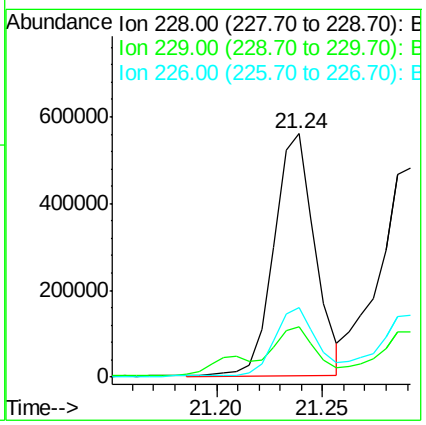


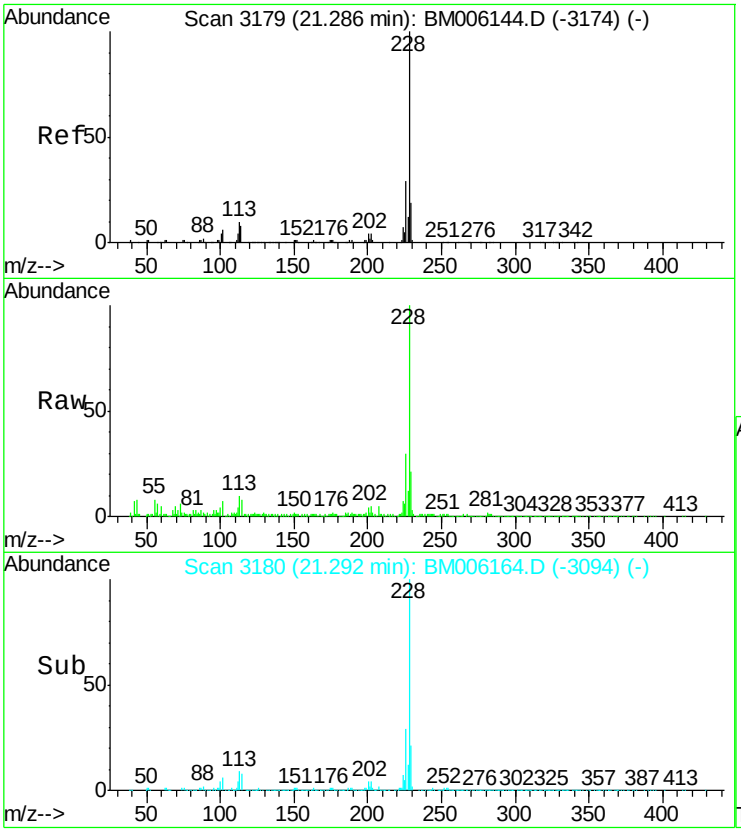


#32
Benzo(a)anthracene
Concen: 15.06 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Tgt Ion:228 Resp: 756124

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	28.6	21.6	32.4



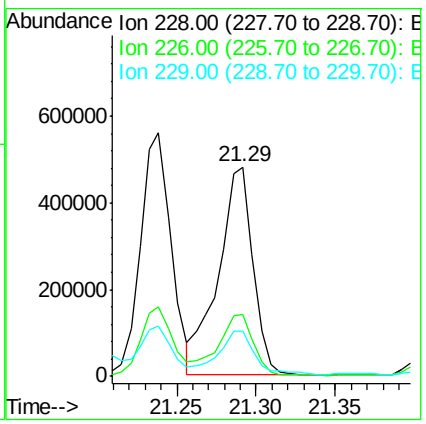


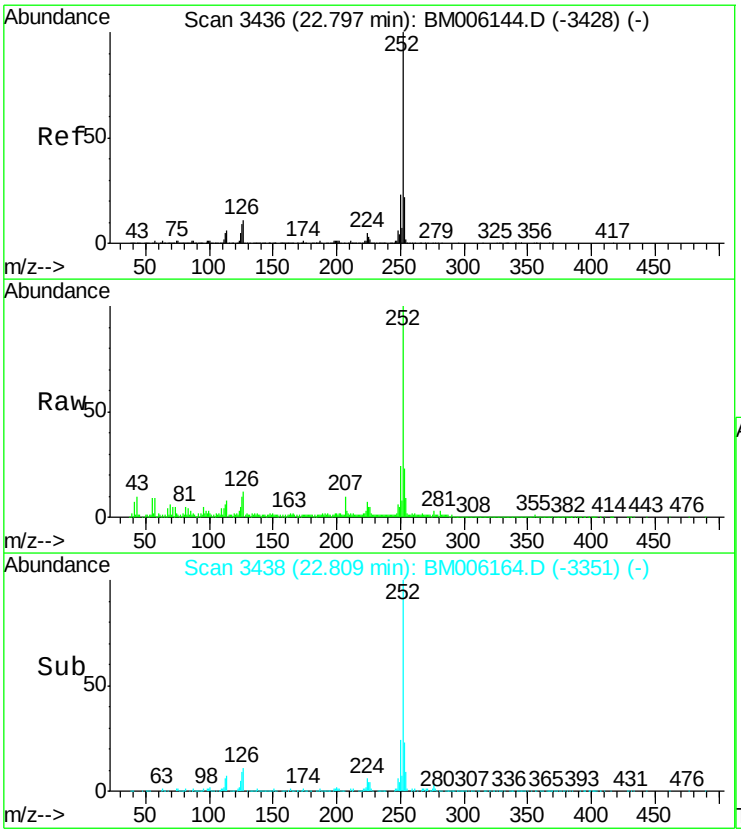
#33
Chrysene
Concen: 15.86 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:228 Resp: 732972

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	21.5	15.8	23.6

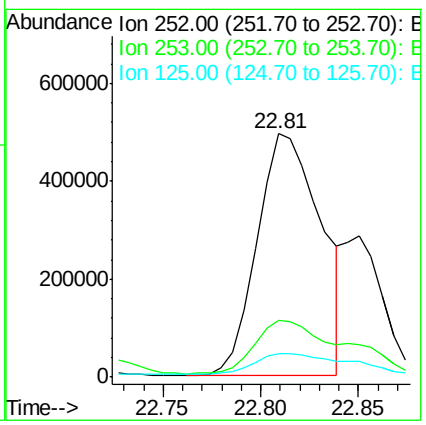


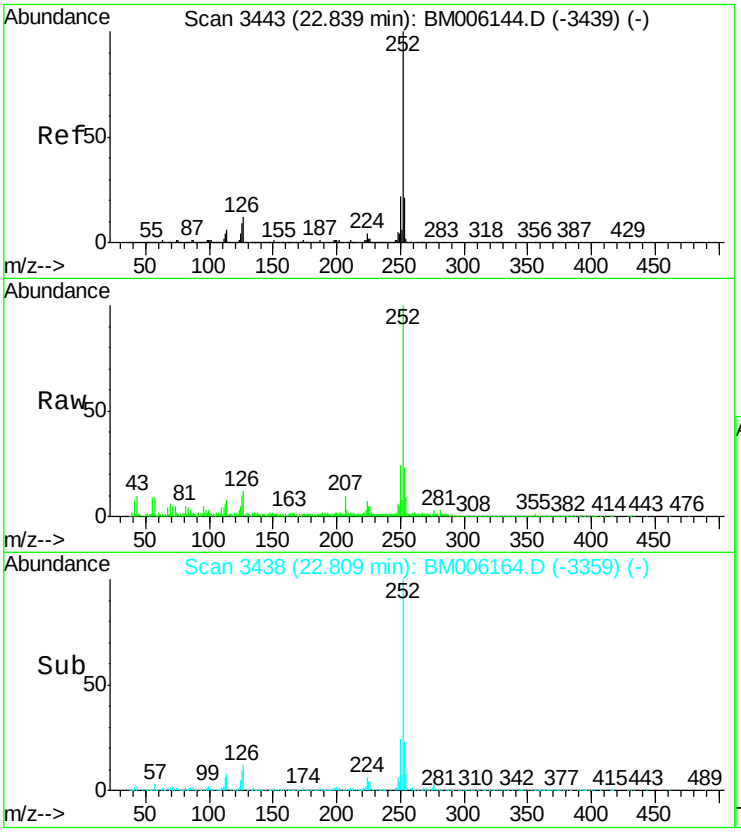


#35
Benzo(b)fluoranthene
Concen: 20.88 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. 0.01 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Tgt Ion:252 Resp: 1122037

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	9.8	7.8	11.6



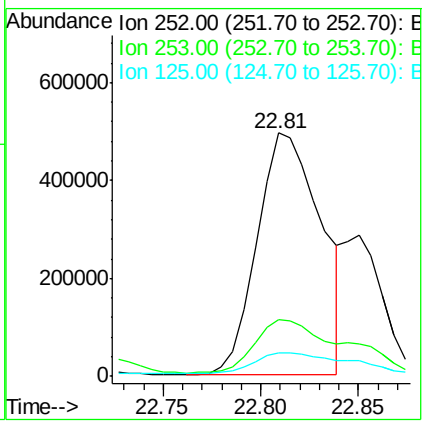


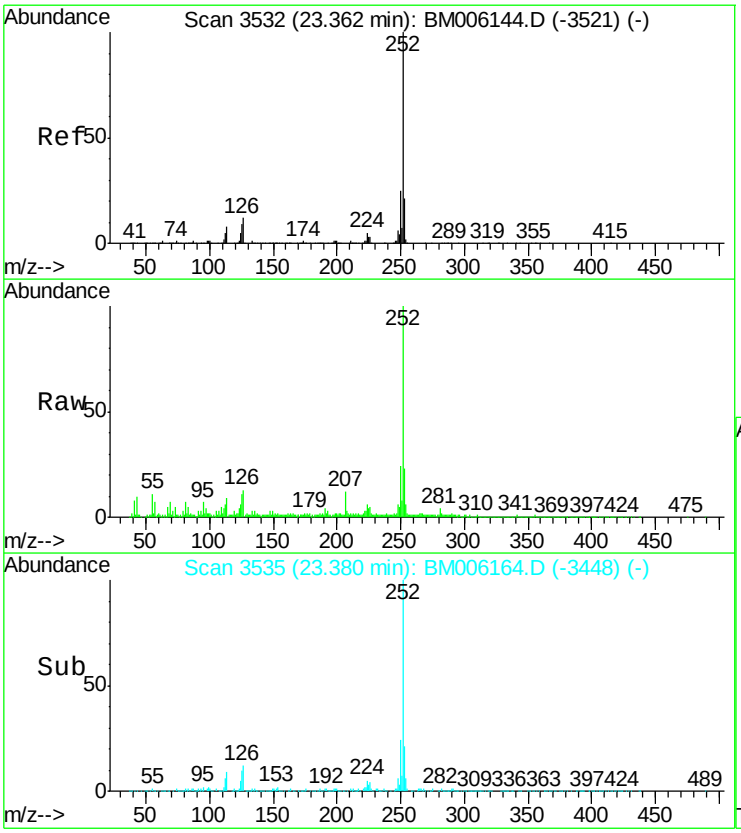
#36
Benzo(k)fluoranthene
Concen: 22.25 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.04 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:252 Resp: 1122037

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	9.8	8.1	12.1

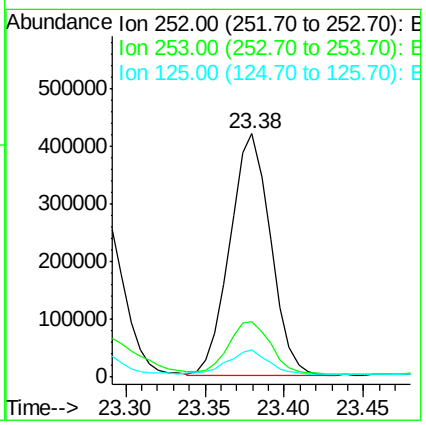


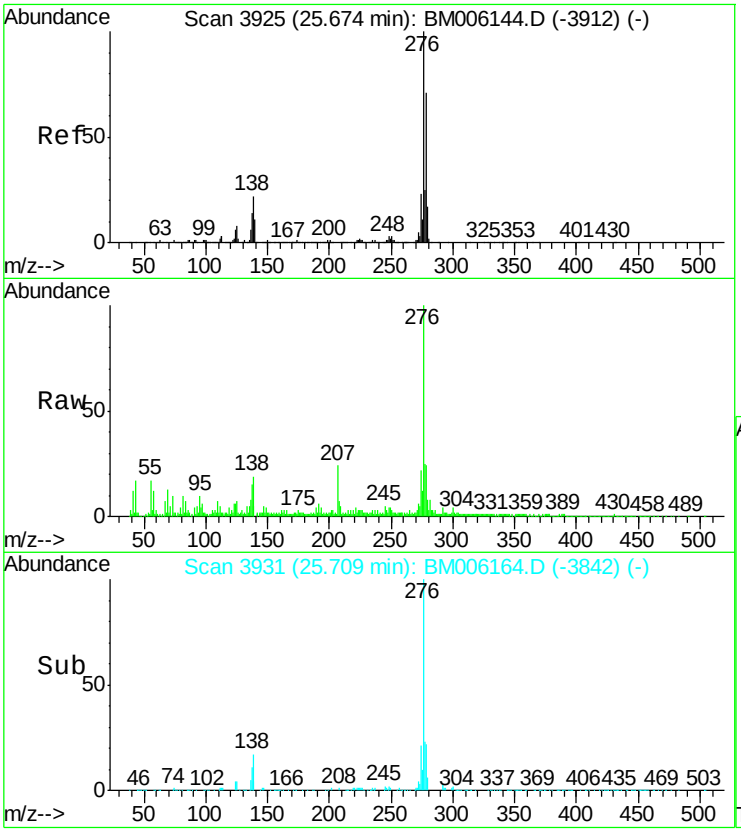


#38
Benzo(a)pyrene
Concen: 14.63 ng/ul
RT: 23.38 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Tgt Ion:252 Resp: 743079

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.1	8.7	13.1



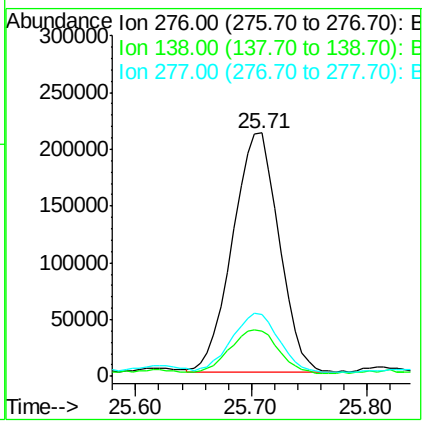


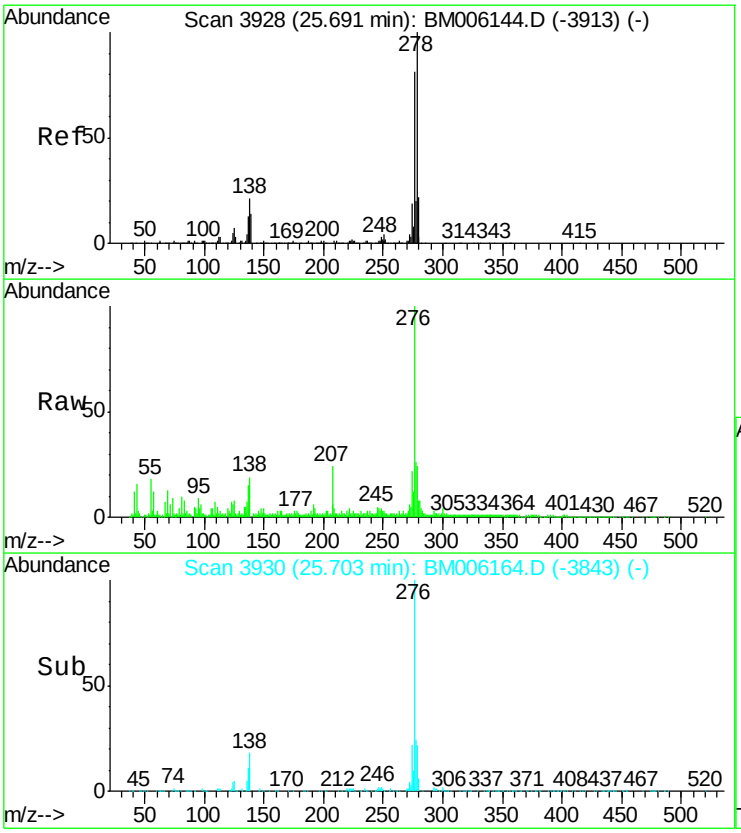
#39
Indeno(1,2,3-cd)pyrene
Concen: 11.18 ng/ul
RT: 25.71 min Scan# 3931
Delta R.T. 0.02 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:276 Resp: 590212

Ion	Ratio	Lower	Upper
276	100		
138	18.6	20.4	30.6#
277	25.4	20.6	30.8

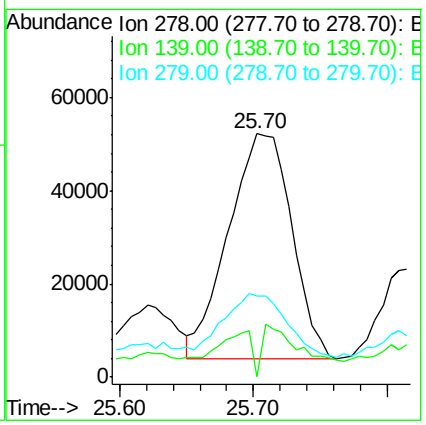


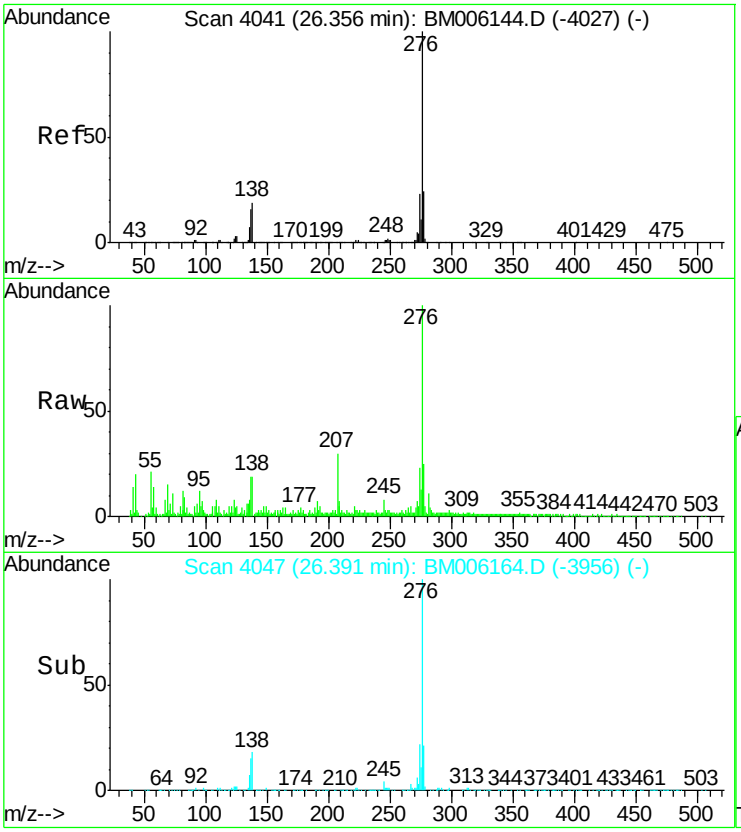


#40
Dibenzo(a,h)anthracene
Concen: 3.62 ng/ul
RT: 25.70 min Scan# 3930
Delta R.T. 0.01 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Tgt Ion:278 Resp: 158099

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	33.5	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 12.23 ng/ul
RT: 26.39 min Scan# 4047
Delta R.T. 0.04 min
Lab File: BM006164.D
Acq: 30 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9YD5

Tgt Ion:276 Resp: 540088

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.6	25.0
277	24.6	18.9	28.3