Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006632.D
Acq On : 22 Jul 2016 19:52
Operator : UM/SJ
Sample : H4076-14MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YP7MSD

Quant Time: Jul 23 00:19:06 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	182825	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	803993	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	450462	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	990354	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1023544	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1055433	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	9926	2.20	ng/uL	0.00
3) Phenol-d5	6.80	99	446945	28.73	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	273877	28.42	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	351409	28.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	349948	29.01	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	171907	28.25	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	184516	28.51	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	335244	27.41	ng/ul	0.00
12) 4-Chloroaniline-d4	10.55	131	302739	22.48	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	964473	27.31	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1272205	28.22	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	163162	26.60	ng/ul	0.01
21) Fluorene-d10	15.27	176	873722	27.66	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	59747	11.62	ng/ul	0.00
26) Anthracene-d10	17.12	188	1294453	27.53	ng/ul	0.00
30) Pyrene-d10	19.43	212	1389614	29.80	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1348600	27.78	ng/ul	0.01
Target Compounds						Qvalue
19) Acenaphthene	14.34	153	824842	26.58	ng/ul	95
25) Phenanthrene	17.06	178	229553	4.12	ng/ul	100
27) Anthracene	17.16	178	68248	1.19	ng/ul	98
28) Fluoranthene	19.09	202	467935	7.15	ng/ul	99
31) Pyrene	19.46	202	2107194	34.00	ng/ul	97
32) Benzo(a)anthracene	21.21	228	236443	3.81	ng/ul	94
33) Chrysene	21.26	228	283095	4.95	ng/ul	97
35) Benzo(b)fluoranthene	22.77	252	475450	7.51	ng/ul#	96
36) Benzo(k)fluoranthene	22.77	252	475450	7.77	ng/ul#	96
38) Benzo(a)pyrene	23.33	252	280099	4.55	ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	25.64	276	250697	3.52	ng/ul	99
40) Dibenzo(a,h)anthracene	25.64	278	70048	1.19	ng/ul#	86
41) Benzo(g,h,i)perylene	26.32	276	251949	4.12	ng/ul#	96

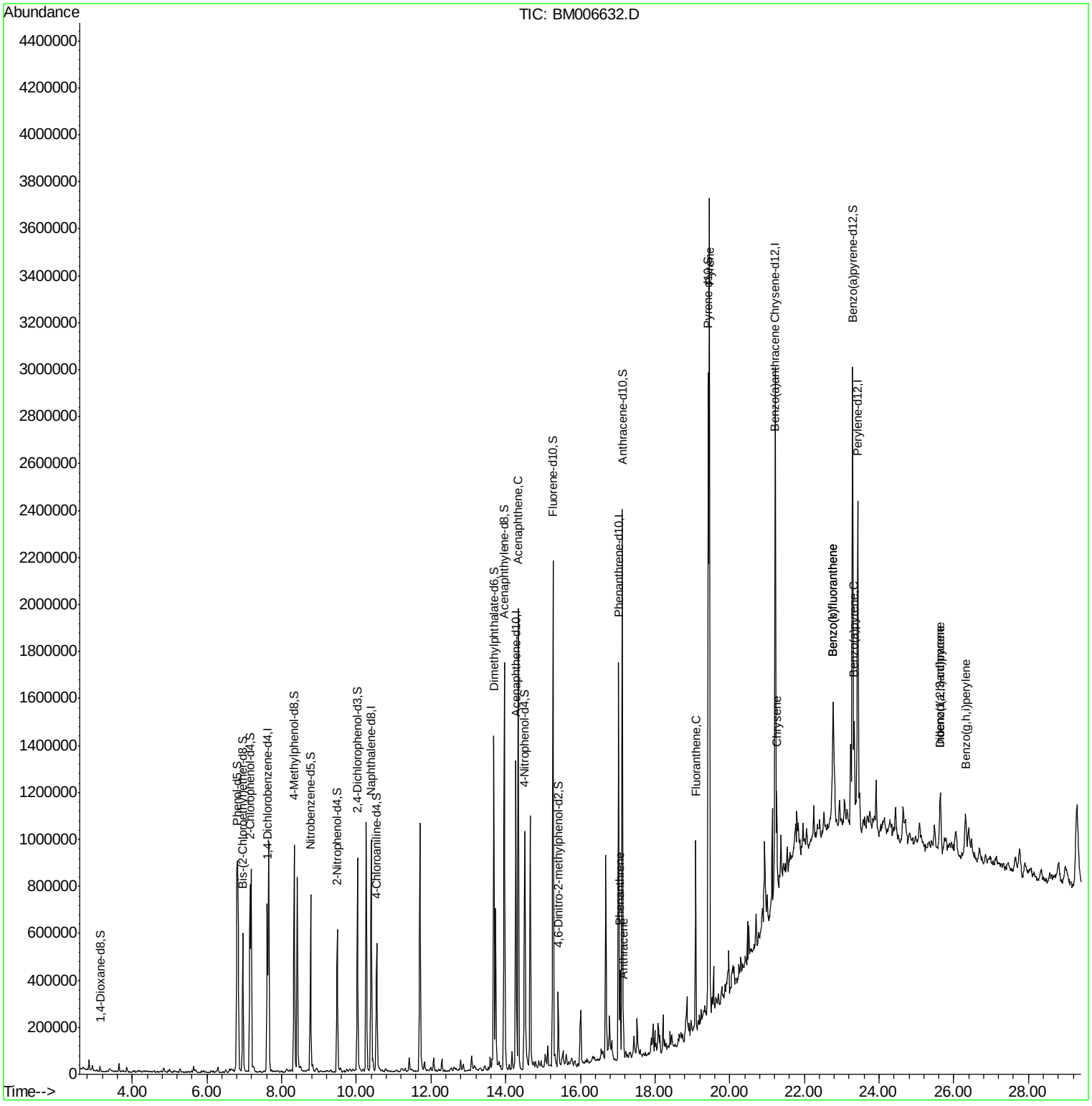
(#) = qualifier out of range (m) = manual integration (+) = signals summed

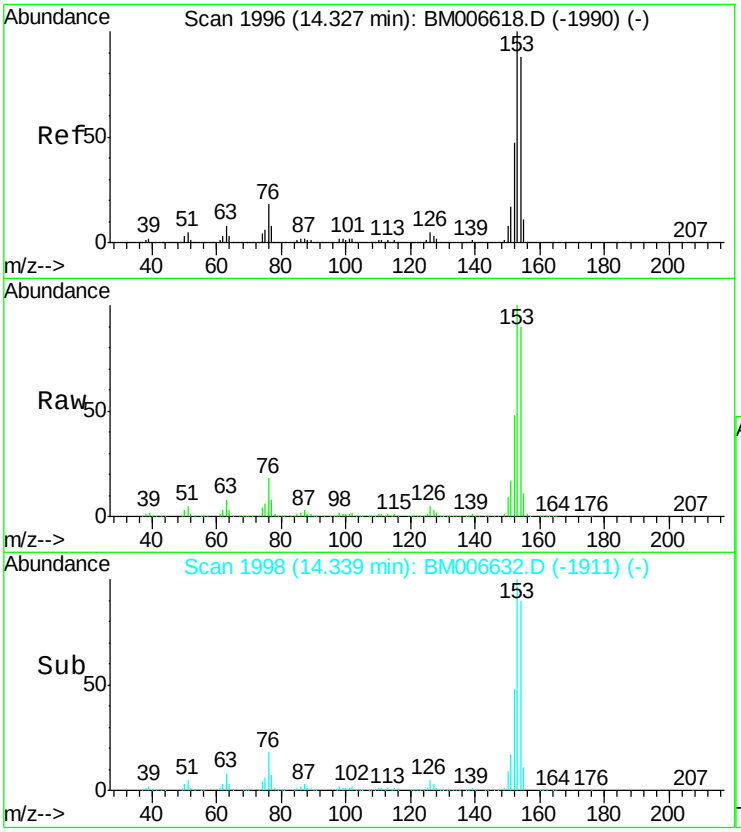
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006632.D
Acq On : 22 Jul 2016 19:52
Operator : UM/SJ
Sample : H4076-14MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YP7MSD

Quant Time: Jul 23 00:19:06 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



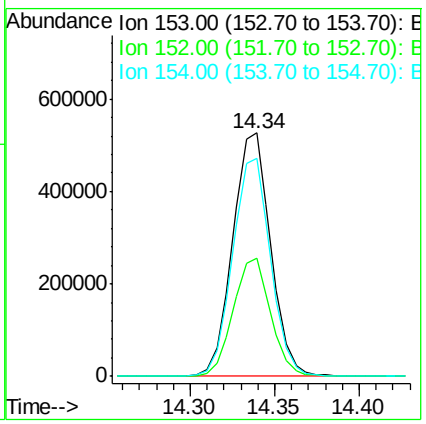


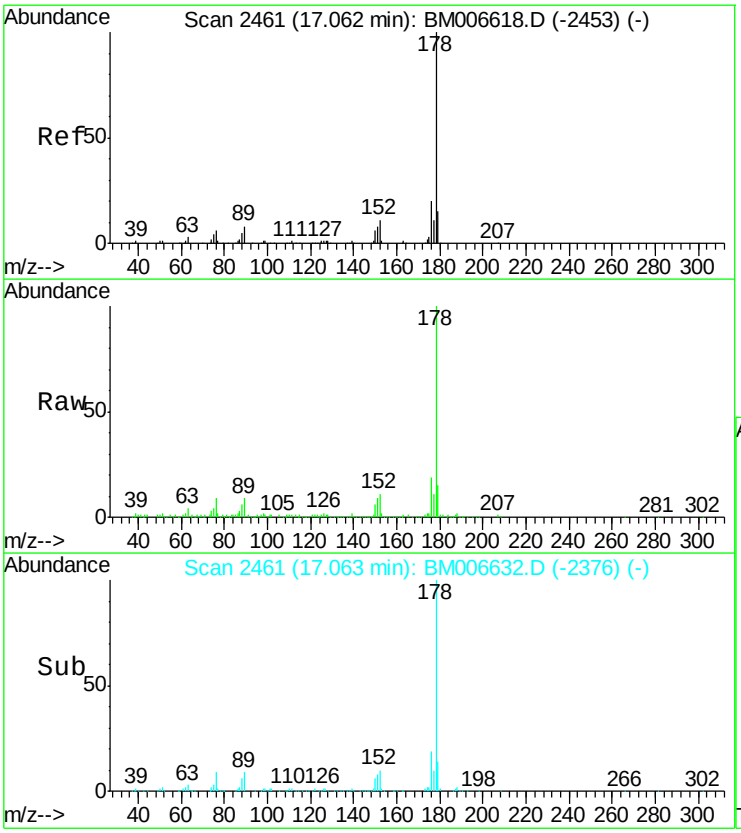
#19
Acenaphthene
Concen: 26.58 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Instrument :
BNA_M
ClientSampleId :
D9YP7MSD

Tgt Ion:153 Resp: 824842

Ion	Ratio	Lower	Upper
153	100		
152	48.4	36.5	54.7
154	89.5	67.3	100.9

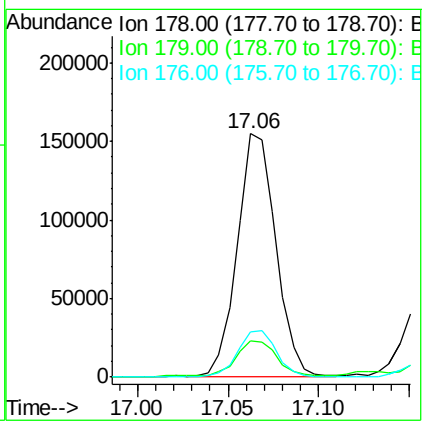


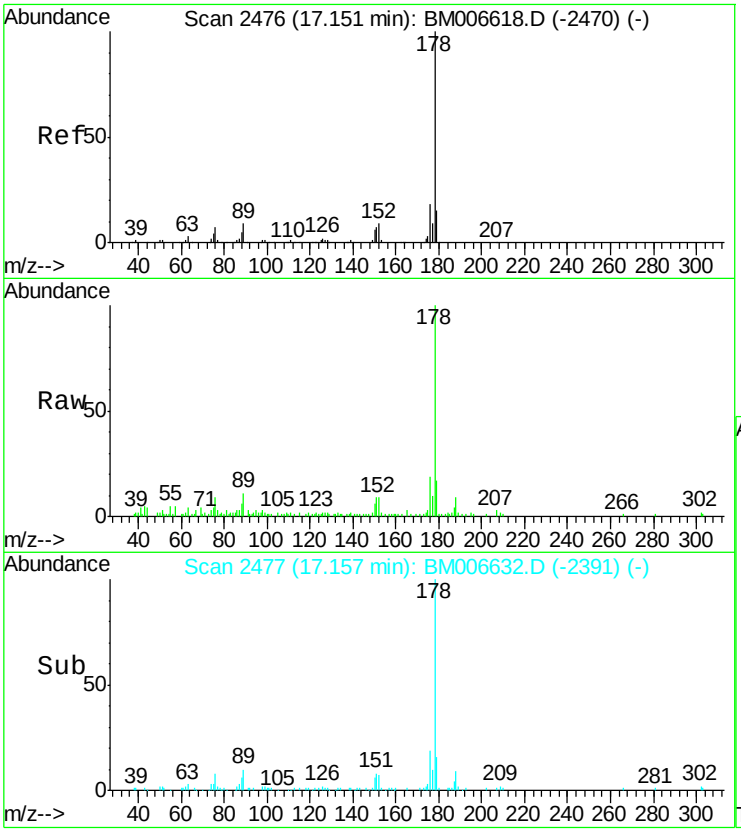


#25
Phenanthrene
Concen: 4.12 ng/ul
RT: 17.06 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Tgt Ion:178 Resp: 229553

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.8	17.8
176	18.6	14.8	22.2



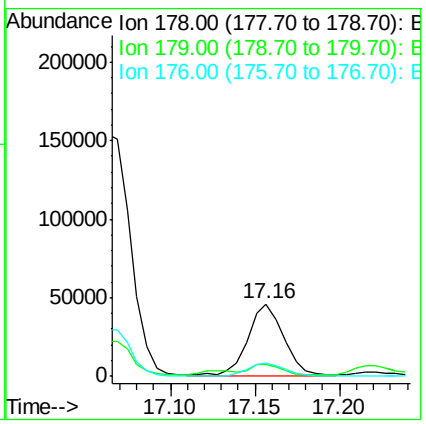


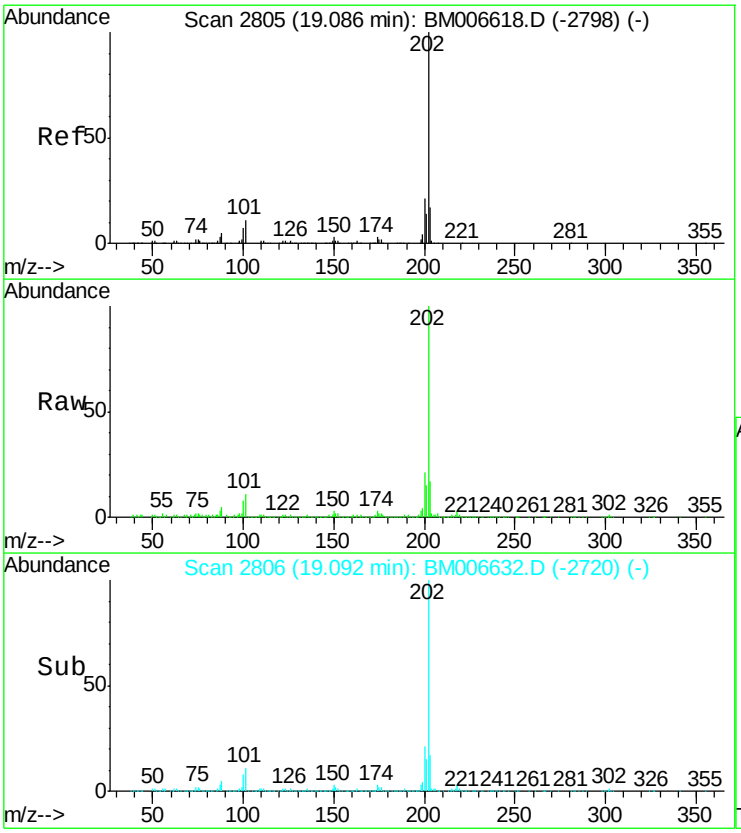
#27
Anthracene
Concen: 1.19 ng/ul
RT: 17.16 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Instrument :
BNA_M
ClientSampleId :
D9YP7MSD

Tgt Ion:178 Resp: 68248

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.9	19.3
176	19.1	15.6	23.4

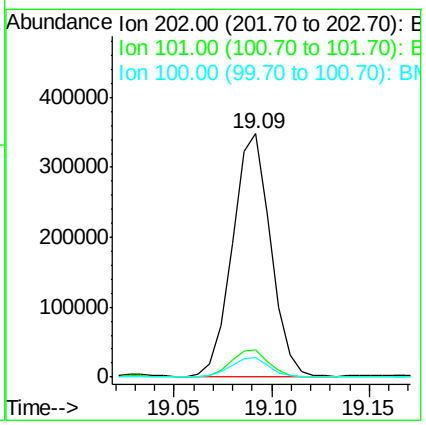


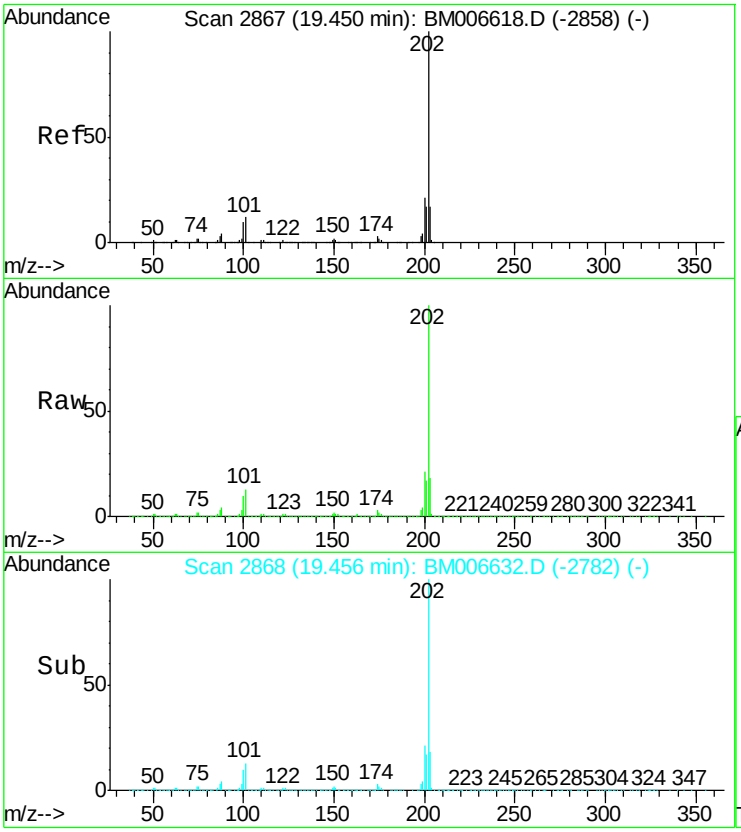


#28
Fluoranthene
Concen: 7.15 ng/ul
RT: 19.09 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Tgt Ion:202 Resp: 467935

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	7.8	7.0	10.4



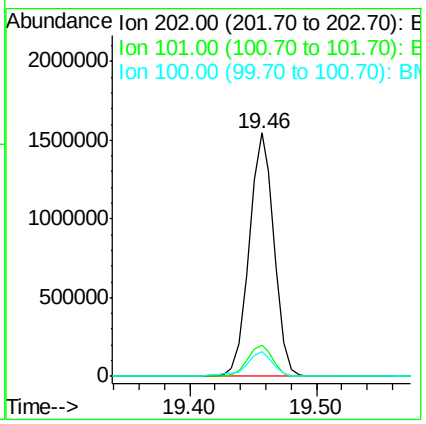


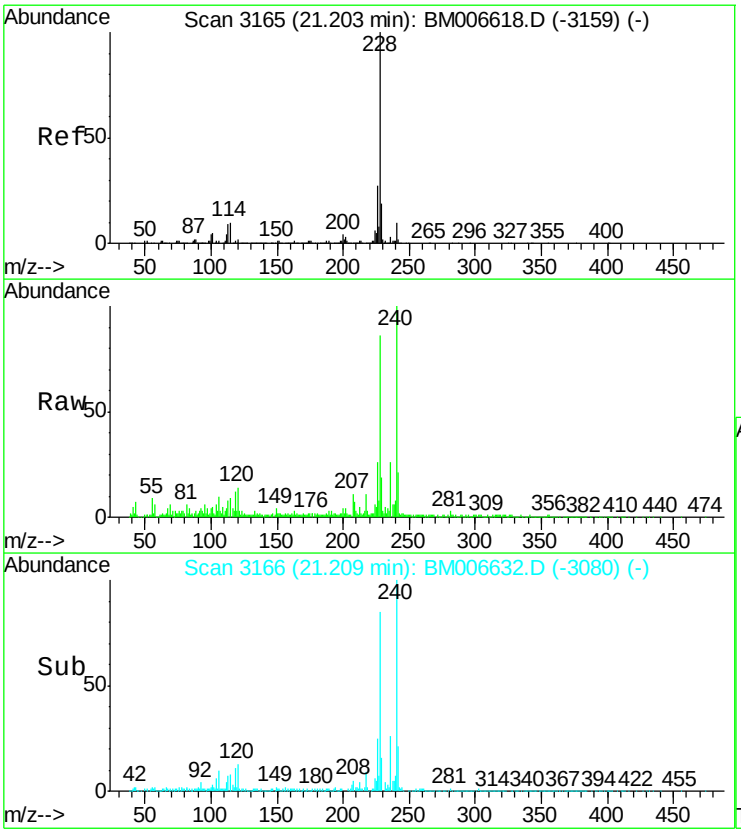
#31
Pyrene
Concen: 34.00 ng/ul
RT: 19.46 min Scan# 2868
Delta R.T. 0.01 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Instrument :
BNA_M
ClientSampleId :
D9YP7MSD

Tgt Ion:202 Resp: 2107194

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.8
100	9.9	9.3	13.9

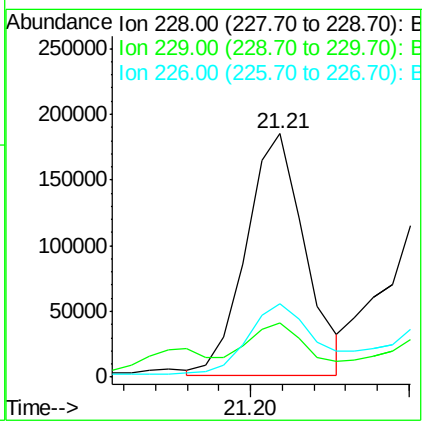


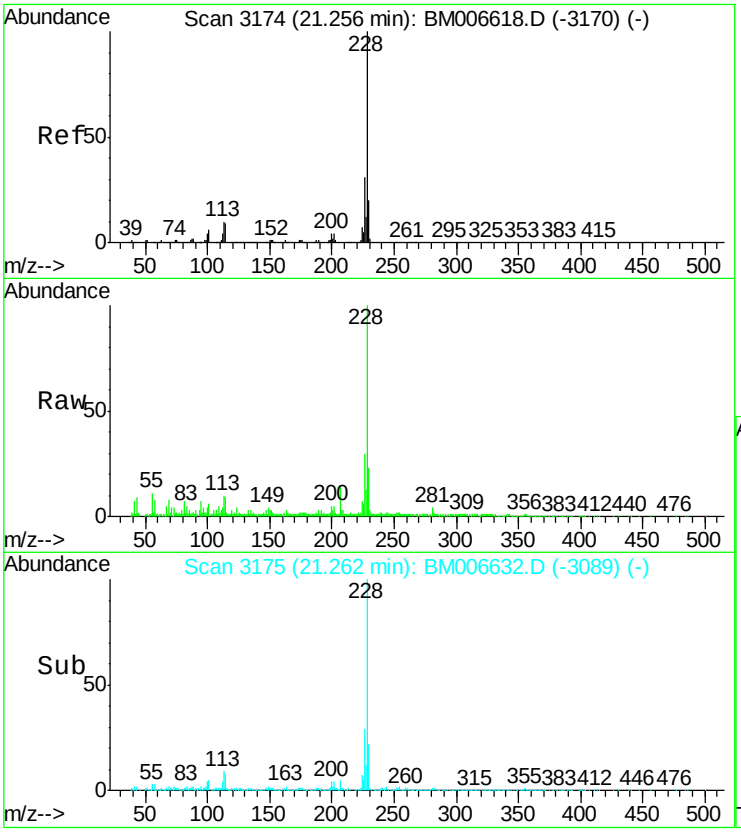


#32
Benzo(a)anthracene
Concen: 3.81 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Tgt Ion:228 Resp: 236443

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.6	25.0
226	30.2	21.0	31.4



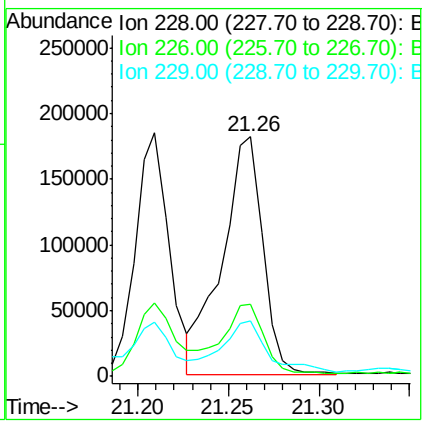


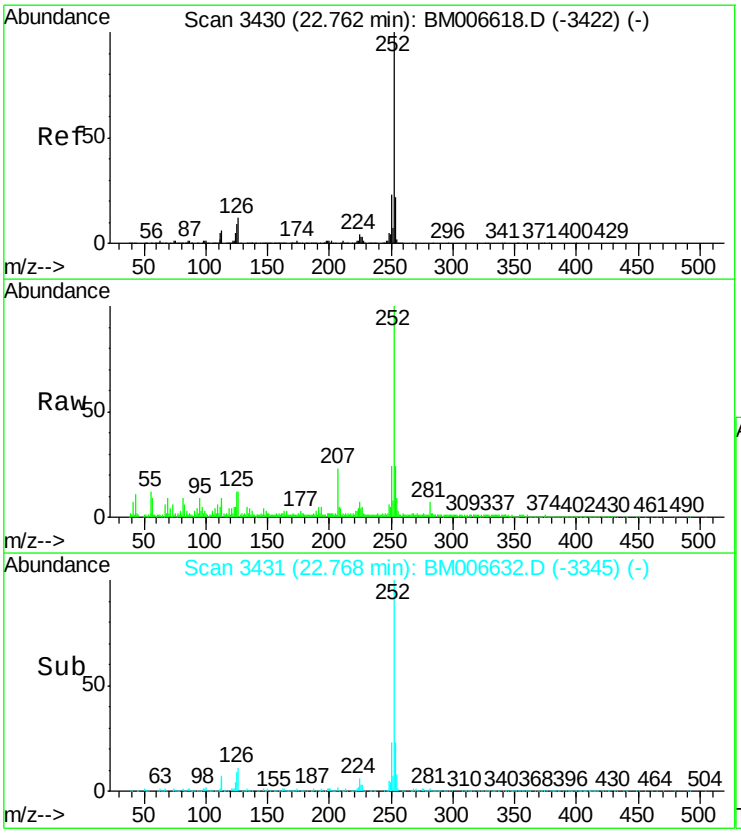
#33
Chrysene
Concen: 4.95 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Instrument :
BNA_M
ClientSampleId :
D9YP7MSD

Tgt Ion:228 Resp: 283095

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	23.0	16.2	24.2

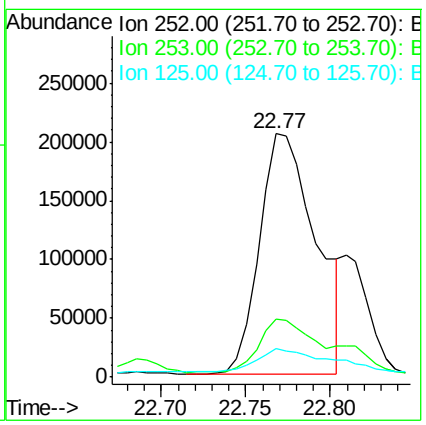


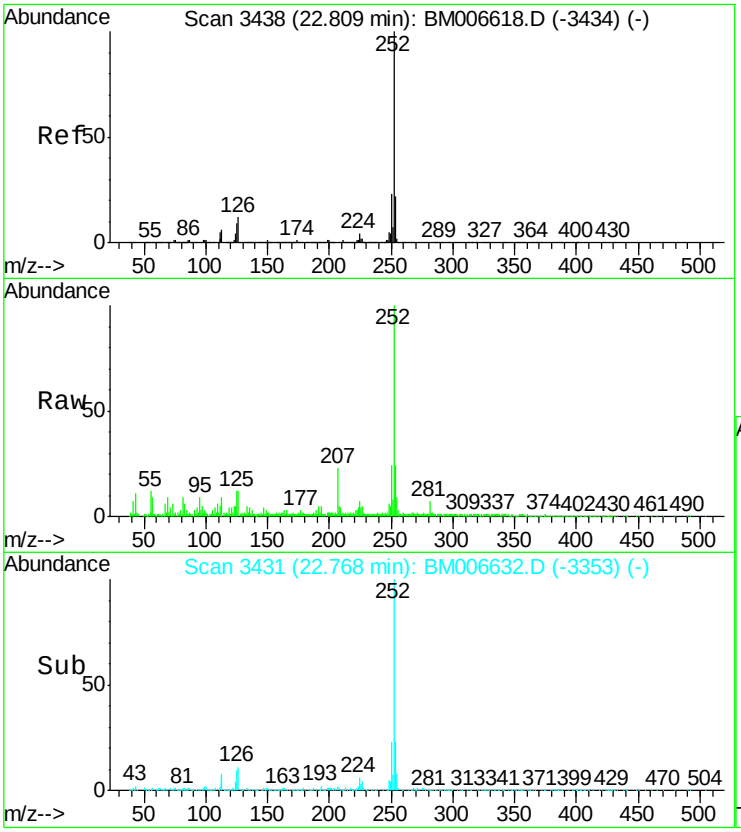


#35
Benzo(b)fluoranthene
Concen: 7.51 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Tgt Ion:252 Resp: 475450

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	11.7	7.6	11.4#



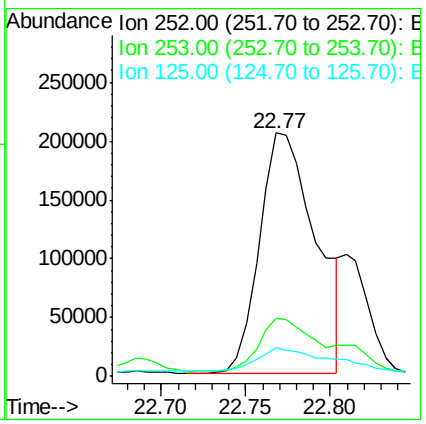


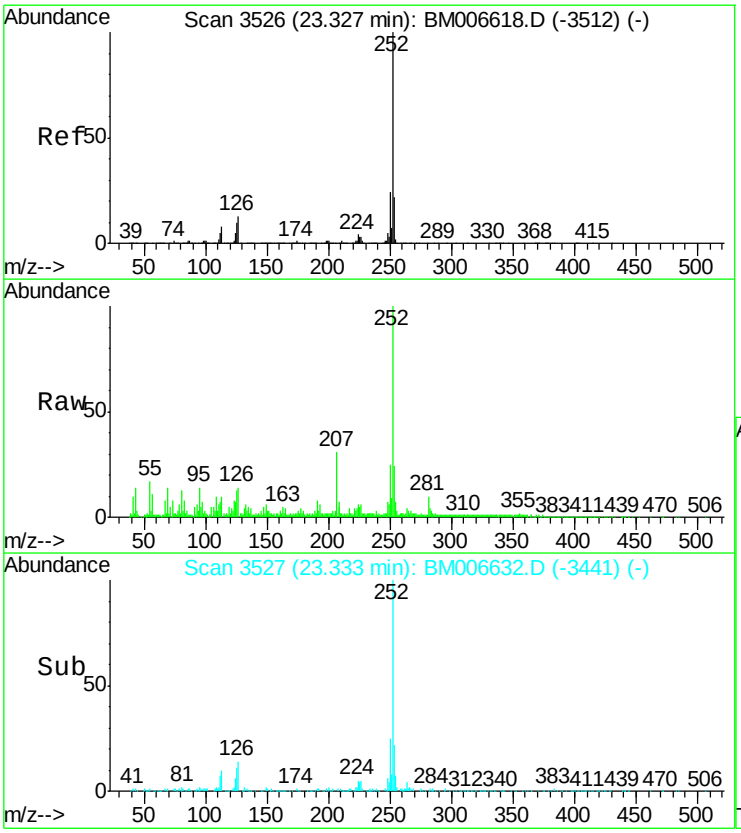
#36
Benzo(k)fluoranthene
Concen: 7.77 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. -0.04 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Instrument :
BNA_M
ClientSampleId :
D9YP7MSD

Tgt Ion:252 Resp: 475450

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	11.7	7.7	11.5#

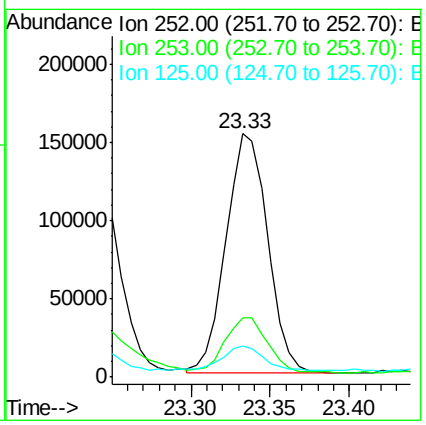


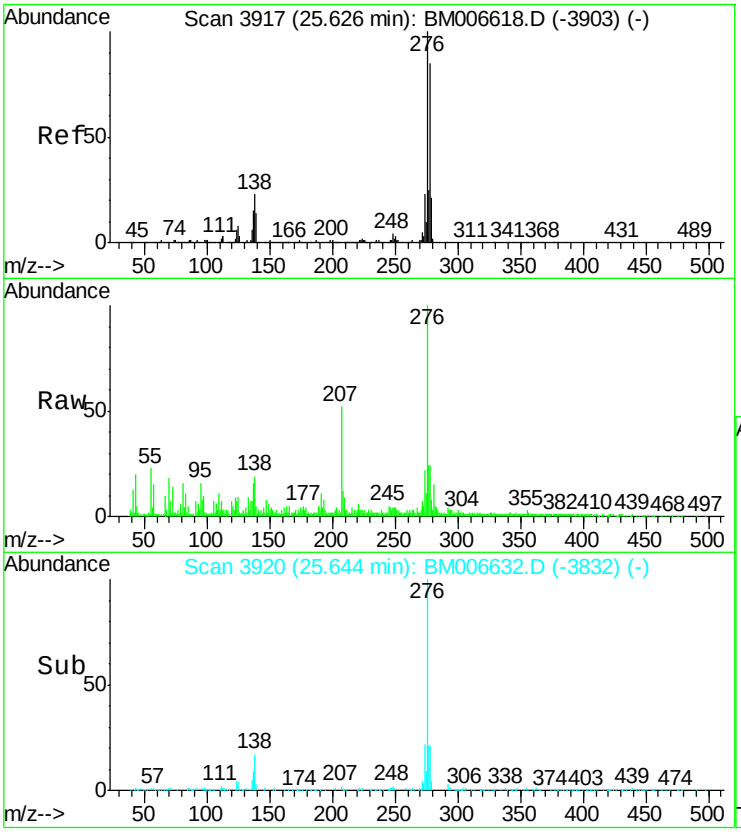


#38
Benzo(a)pyrene
Concen: 4.55 ng/ul
RT: 23.33 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Tgt Ion:252 Resp: 280099

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	13.0	8.2	12.2#



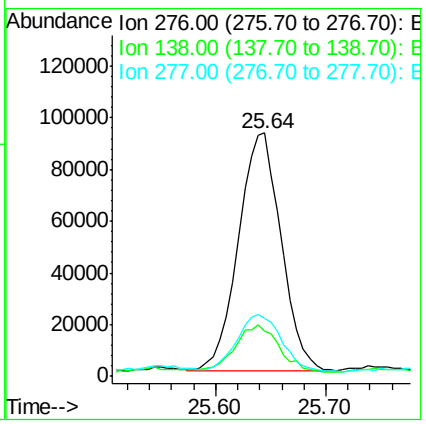


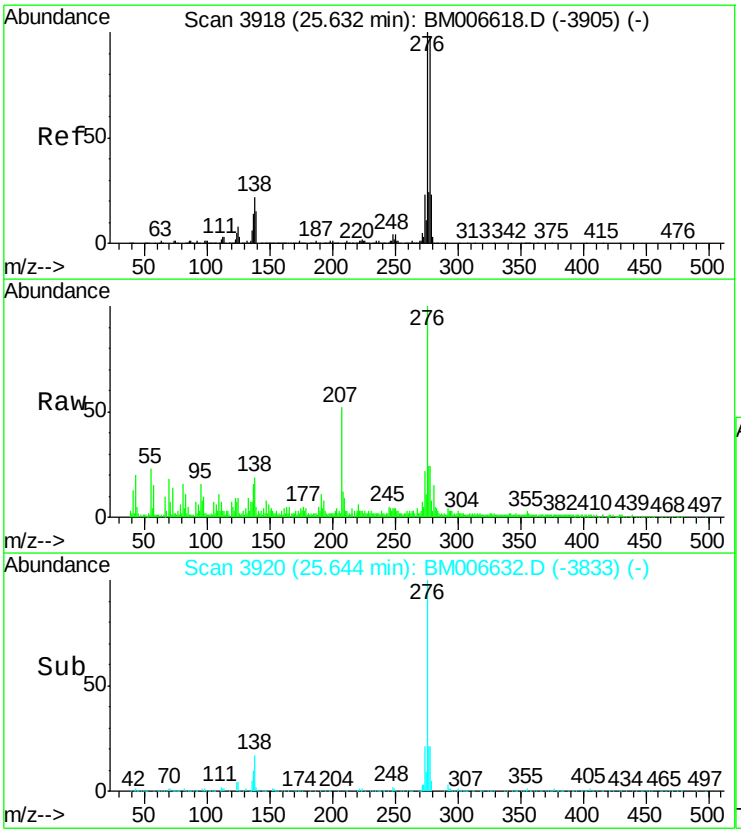
#39
Indeno(1,2,3-cd)pyrene
Concen: 3.52 ng/ul
RT: 25.64 min Scan# 3920
Delta R.T. 0.02 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Instrument :
BNA_M
ClientSampleId :
D9YP7MSD

Tgt Ion:276 Resp: 250697

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.8	23.6
277	24.0	19.0	28.6

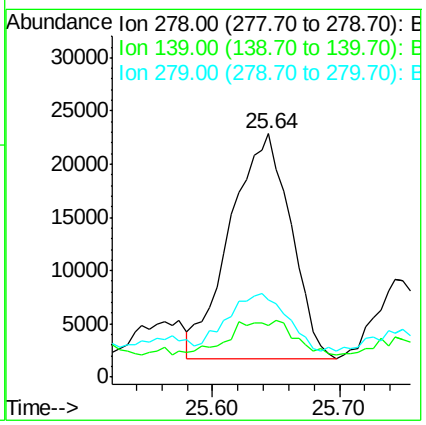


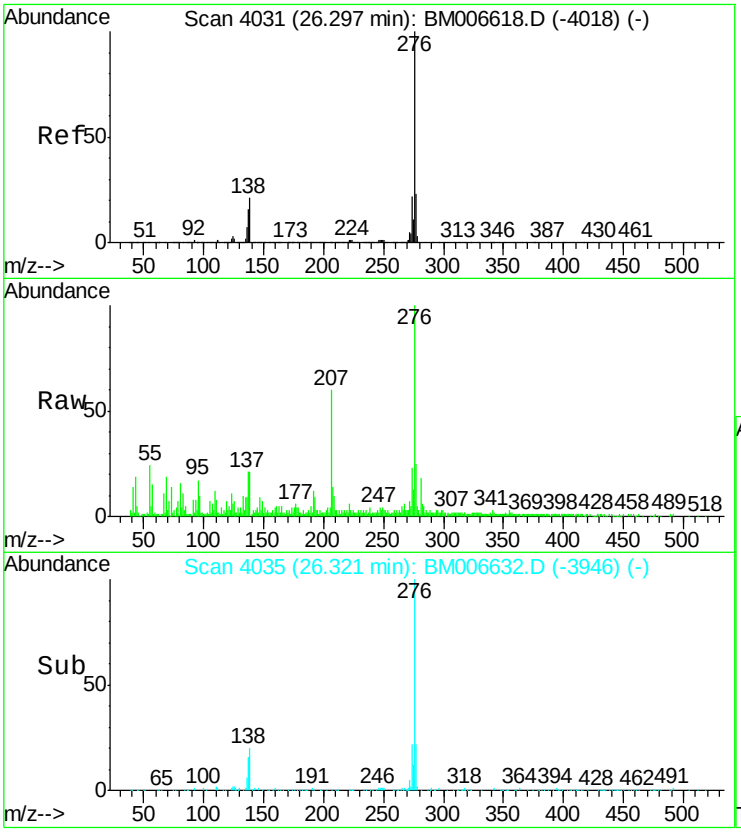


#40
Dibenzo(a,h)anthracene
Concen: 1.19 ng/ul
RT: 25.64 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Tgt Ion:278 Resp: 70048

Ion	Ratio	Lower	Upper
278	100		
139	21.0	12.1	18.1#
279	31.9	19.8	29.8#





#41
Benzo(g,h,i)perylene
Concen: 4.12 ng/ul
RT: 26.32 min Scan# 4035
Delta R.T. 0.02 min
Lab File: BM006632.D
Acq: 22 Jul 2016 19:52

Instrument :
BNA_M
ClientSampleId :
D9YP7MSD

Tgt Ion:276 Resp: 251949

Ion	Ratio	Lower	Upper
276	100		
138	21.4	13.9	20.9#
277	24.9	19.8	29.6