Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006804.D
Acq On : 01 Aug 2016 00:43
Operator : UM/SJ
Sample : H4190-04
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 06:45:45 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	232315	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	974012	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	534449	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1185113	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1283075	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1380674	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	4888	0.85	ng/uL	0.00
3) Phenol-d5	6.79	99	206963	10.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	144935	11.84	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	174974	11.08	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	128713	8.40	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	87344	11.85	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	94236	12.02	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	164673	11.11	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	153410	9.40	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	505293	12.06	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	663806	12.41	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	56916	7.82	ng/ul	0.01
21) Fluorene-d10	15.26	176	462816	12.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	38805	6.31	ng/ul	0.00
26) Anthracene-d10	17.11	188	696122	12.37	ng/ul	0.00
30) Pyrene-d10	19.42	212	795263	13.60	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	804274	12.66	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	13.98	152	69436	1.21	ng/ul	98
25) Phenanthrene	17.05	178	363434	5.45	ng/ul	99
27) Anthracene	17.14	178	99943	1.46	ng/ul	98
28) Fluoranthene	19.08	202	952845	12.17	ng/ul	96
31) Pyrene	19.44	202	822767	10.59	ng/ul	97
32) Benzo(a)anthracene	21.20	228	539212	6.93	ng/ul	97
33) Chrysene	21.25	228	539799	7.53	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	815865	9.86	ng/ul	98
36) Benzo(k)fluoranthene	22.76	252	815865	10.19	ng/ul	98
38) Benzo(a)pyrene	23.32	252	555931	6.90	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.62	276	422759	4.53	ng/ul	98
40) Dibenzo(a,h)anthracene	25.87	278	85680	1.11	ng/ul	97
41) Benzo(g,h,i)perylene	26.30	276	384723	4.81	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
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Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 06:45:45 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
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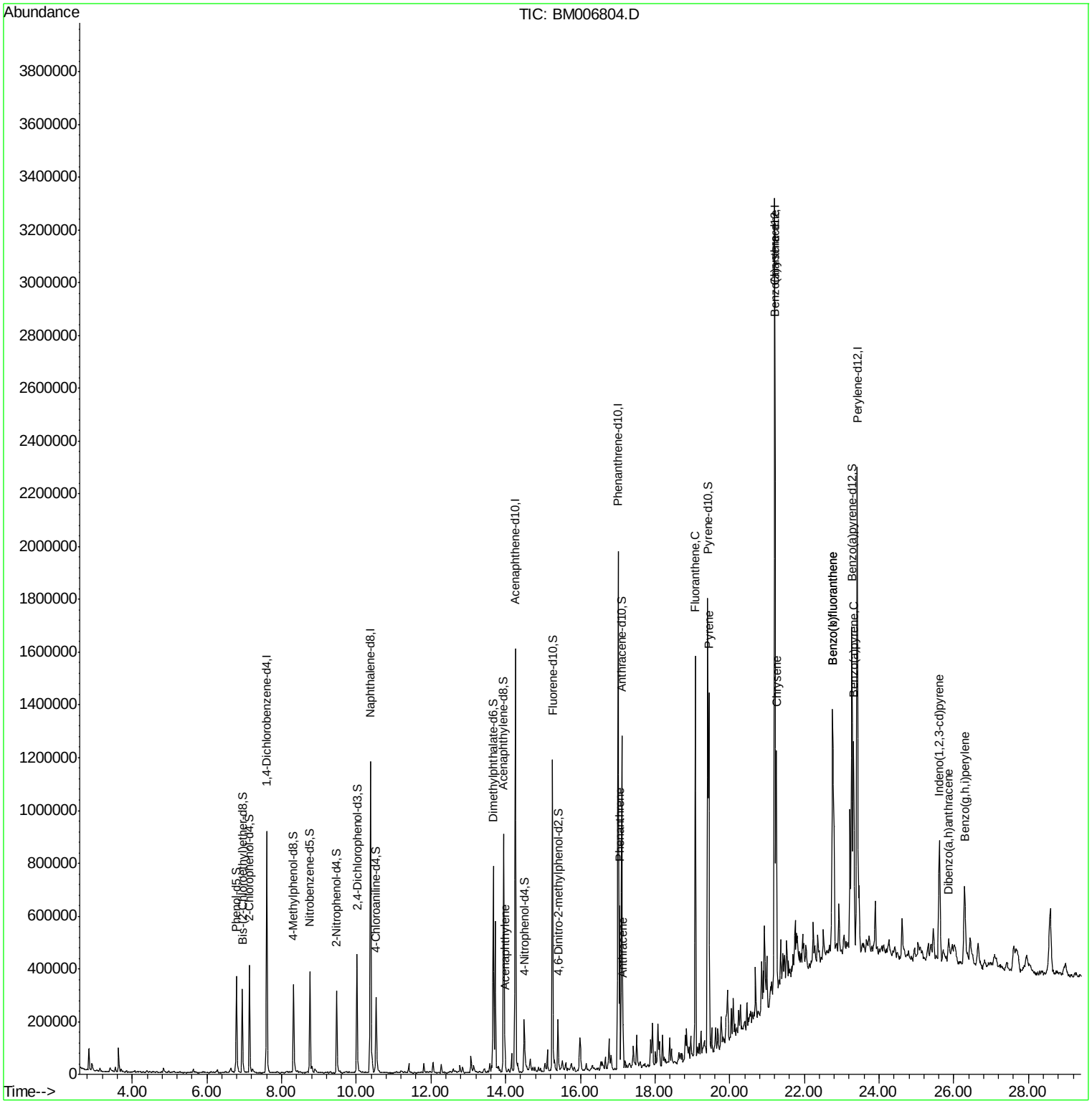
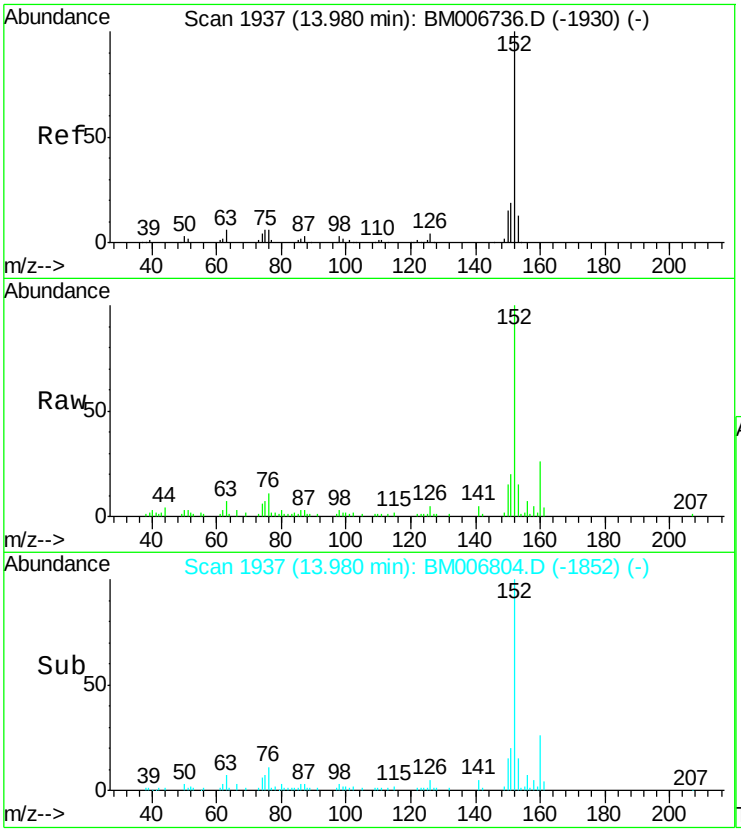


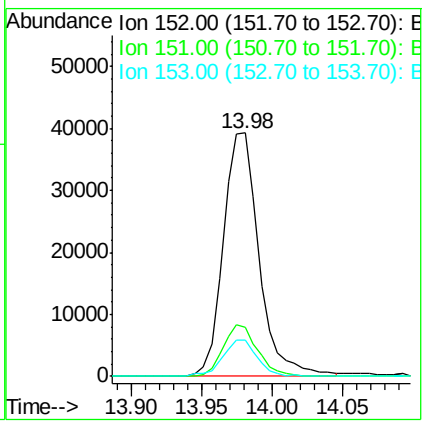


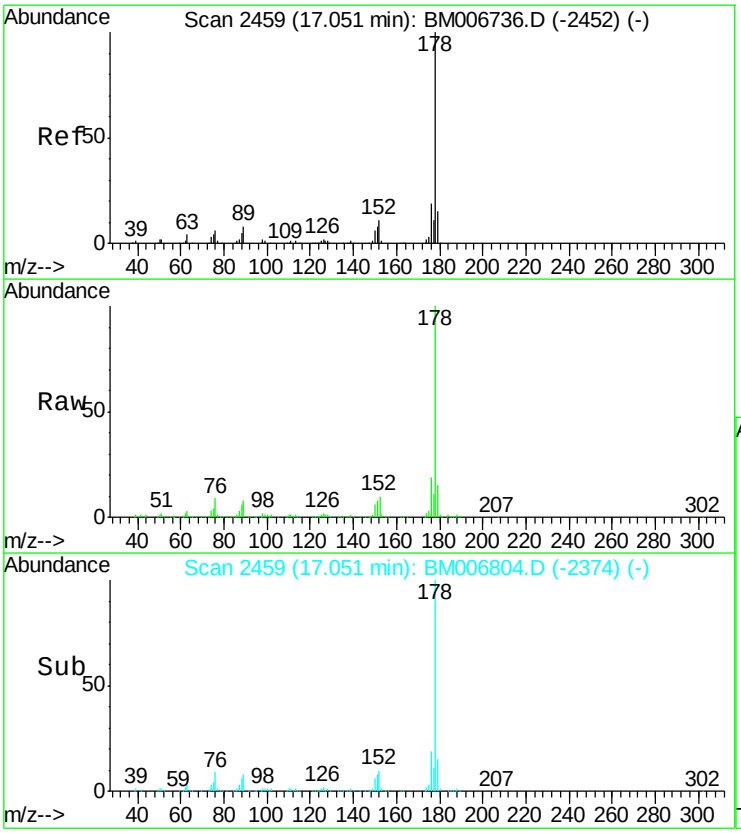
#18
Acenaphthylene
Concen: 1.21 ng/ul
RT: 13.98 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 69436

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.3	25.9
153	14.8	11.1	16.7

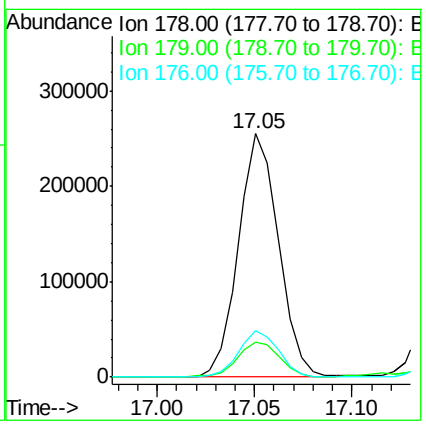


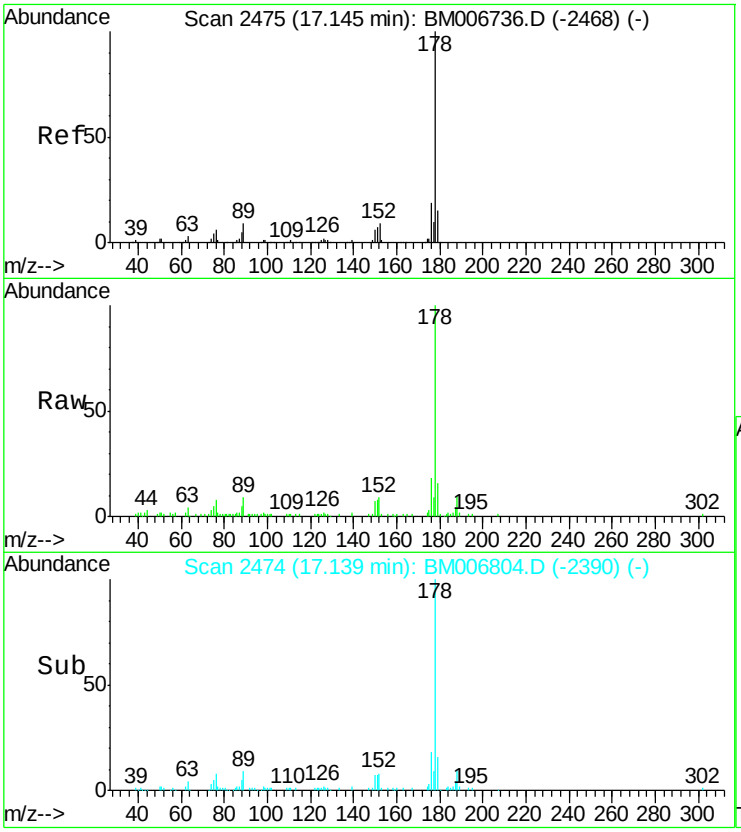


#25
Phenanthrene
Concen: 5.45 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Tgt Ion:178 Resp: 363434

Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.8	17.8
176	19.2	14.8	22.2



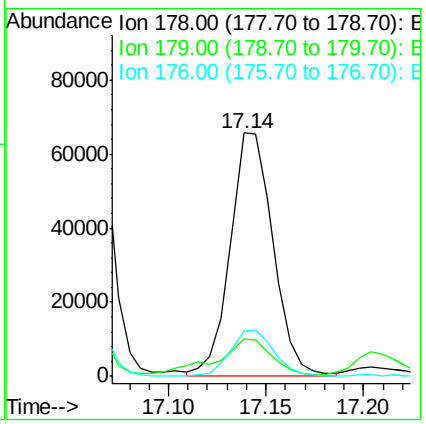


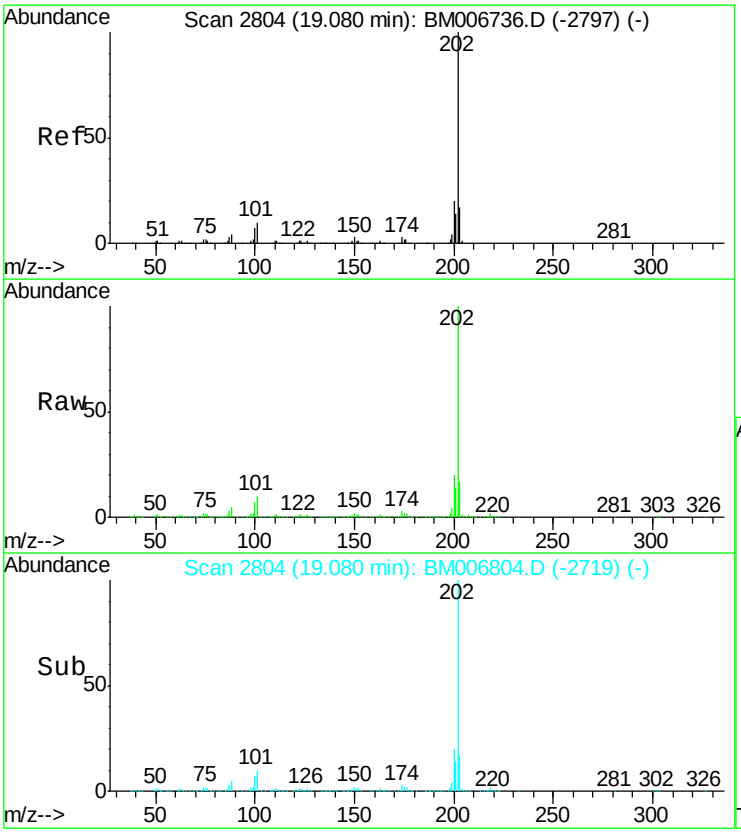
#27
Anthracene
Concen: 1.46 ng/ul
RT: 17.14 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 99943

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.3	15.6	23.4

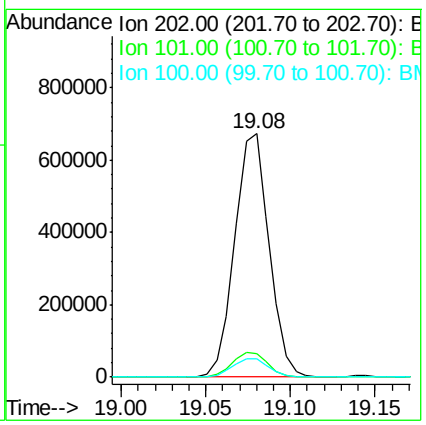


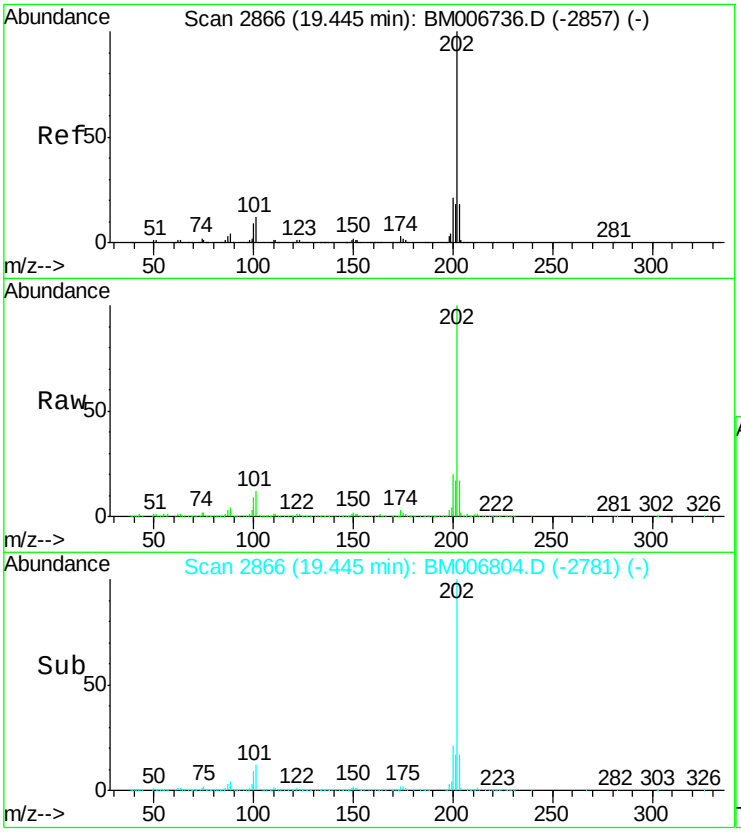


#28
Fluoranthene
Concen: 12.17 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Tgt Ion:202 Resp: 952845

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.9	13.3
100	7.4	7.0	10.4



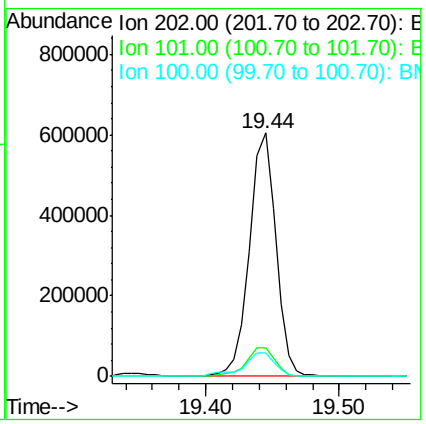


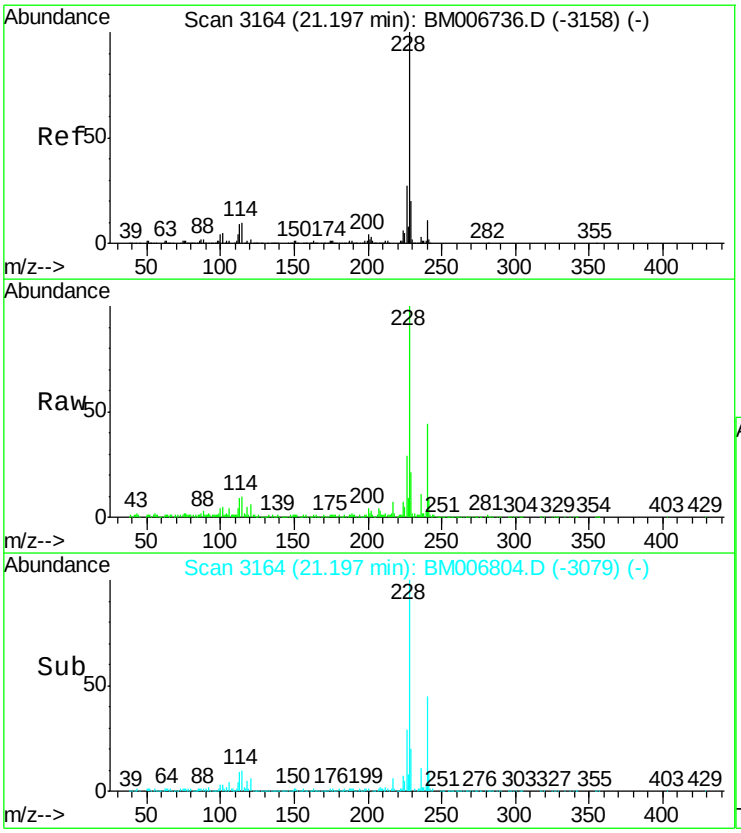
#31
Pyrene
Concen: 10.59 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 822767

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
100	9.5	9.3	13.9

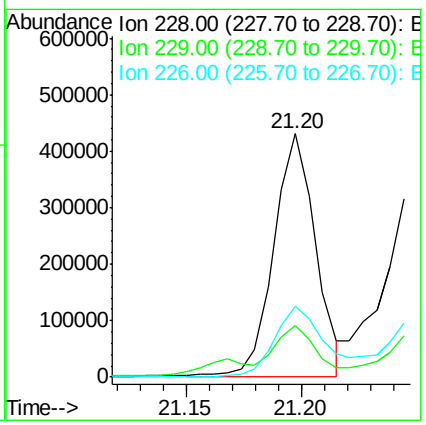


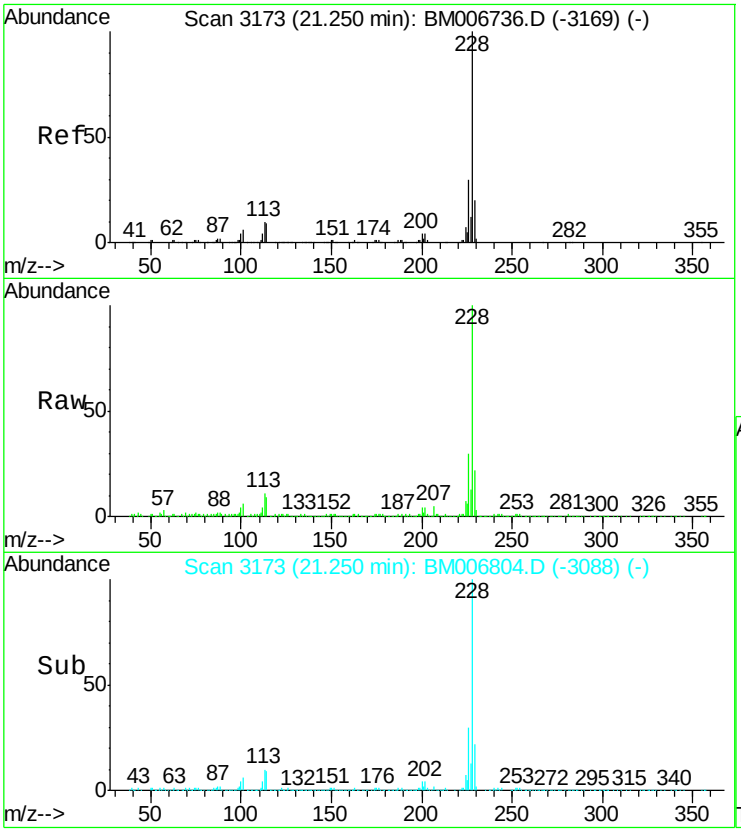


#32
Benzo(a)anthracene
Concen: 6.93 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Tgt Ion:228 Resp: 539212

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	29.1	21.0	31.4



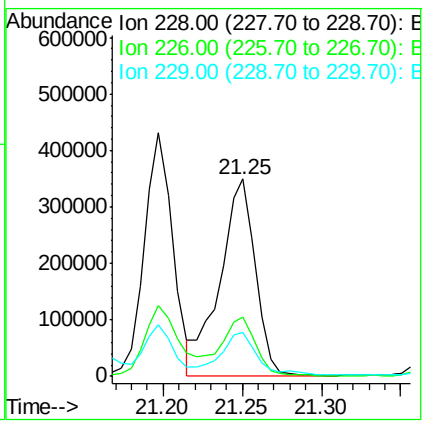


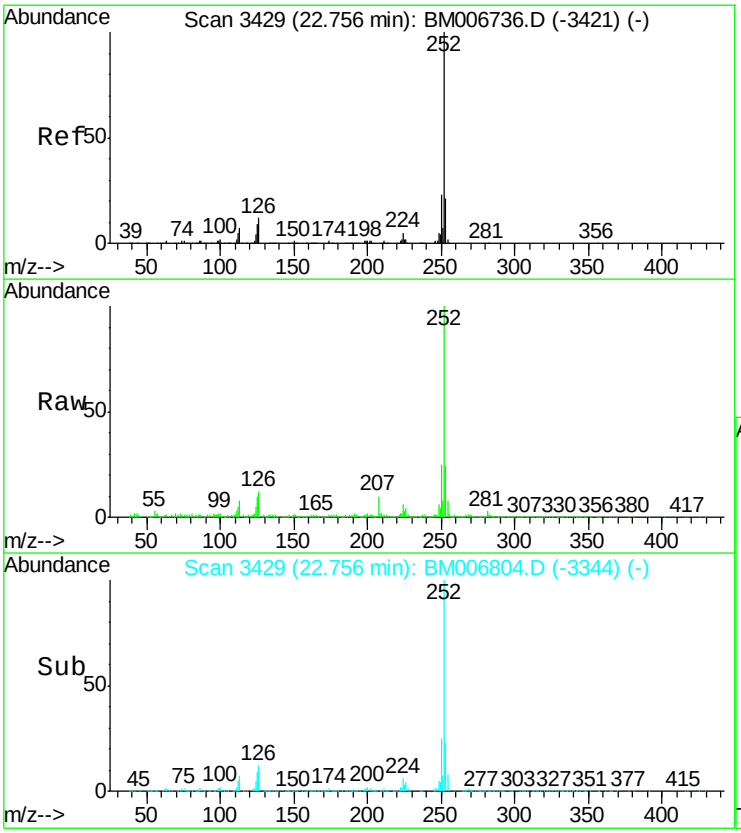
#33
Chrysene
Concen: 7.53 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 539799

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.1	16.2	24.2

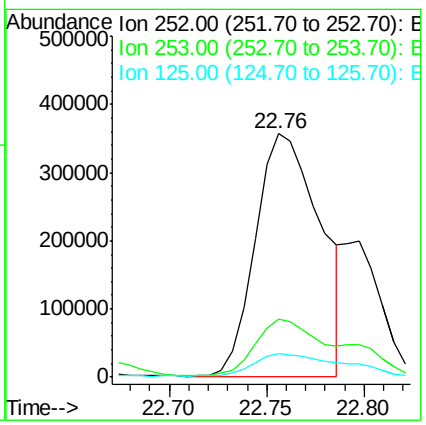


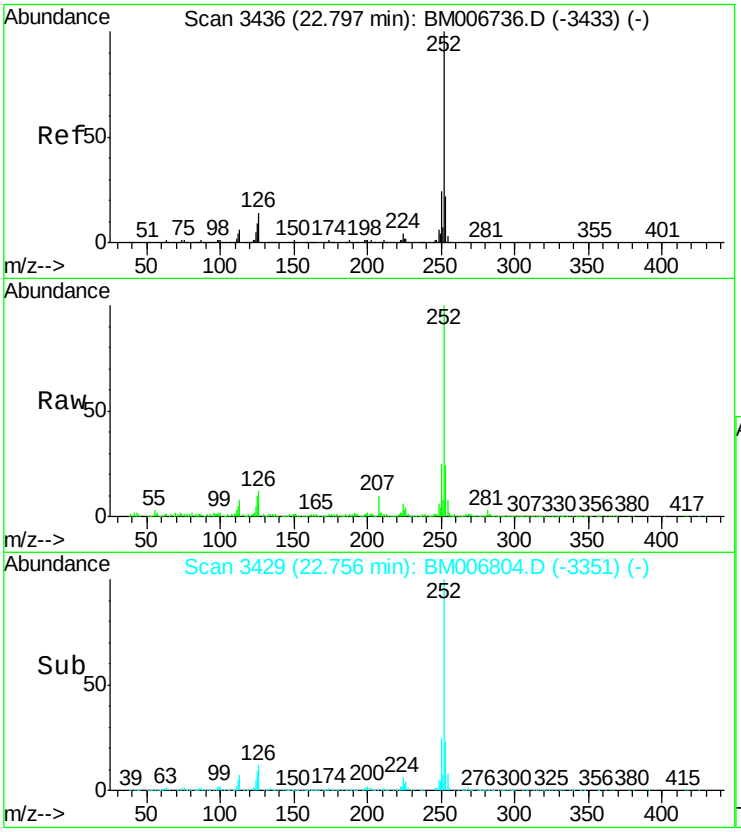


#35
Benzo(b)fluoranthene
Concen: 9.86 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Tgt Ion:252 Resp: 815865

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	9.6	7.6	11.4



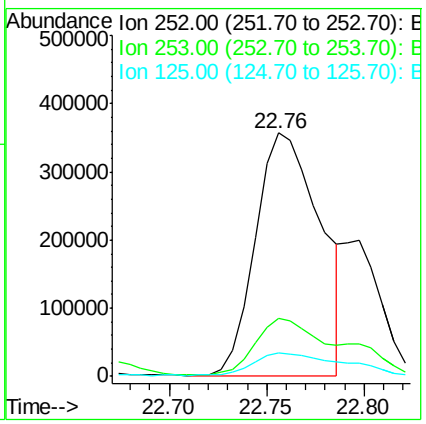


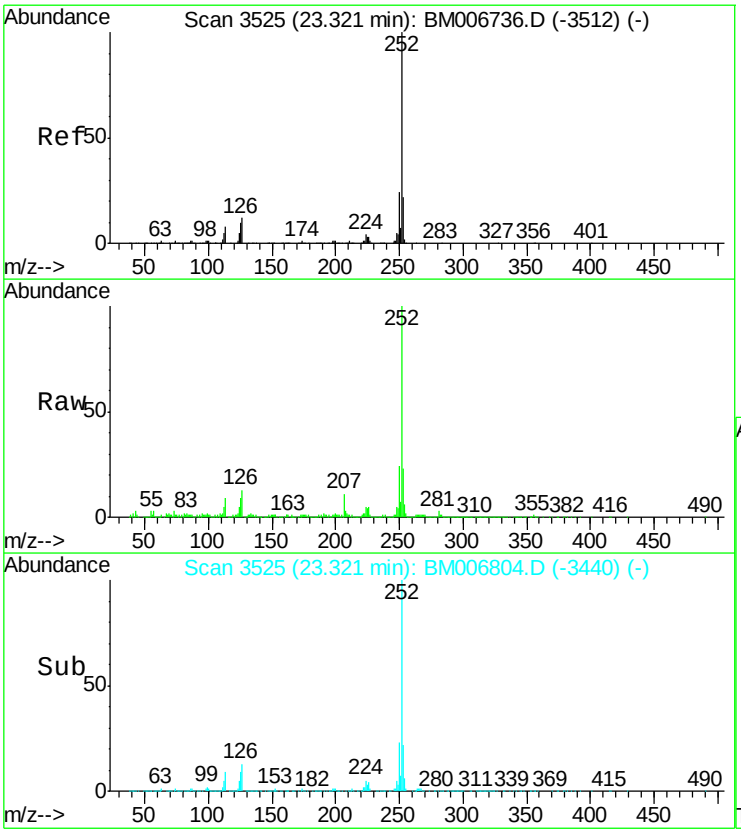
#36
Benzo(k)fluoranthene
Concen: 10.19 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 815865

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	9.6	7.7	11.5

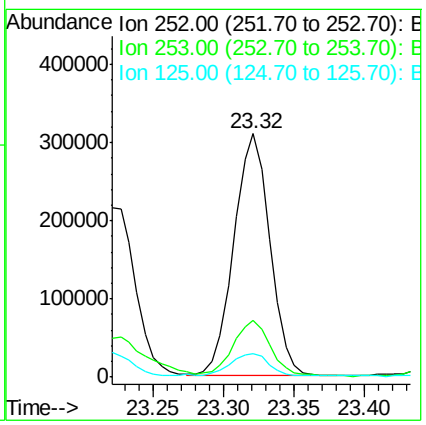


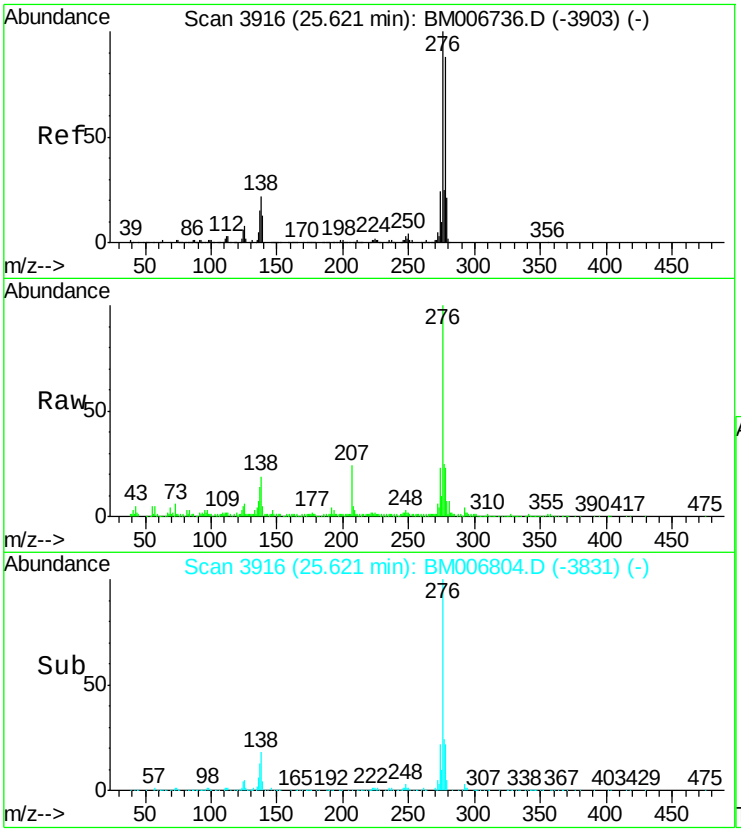


#38
Benzo(a)pyrene
Concen: 6.90 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Tgt Ion:252 Resp: 555931

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	9.5	8.2	12.2



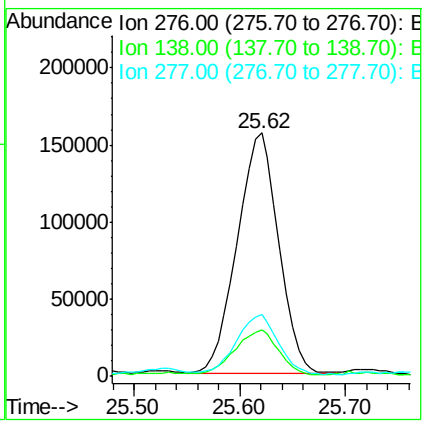


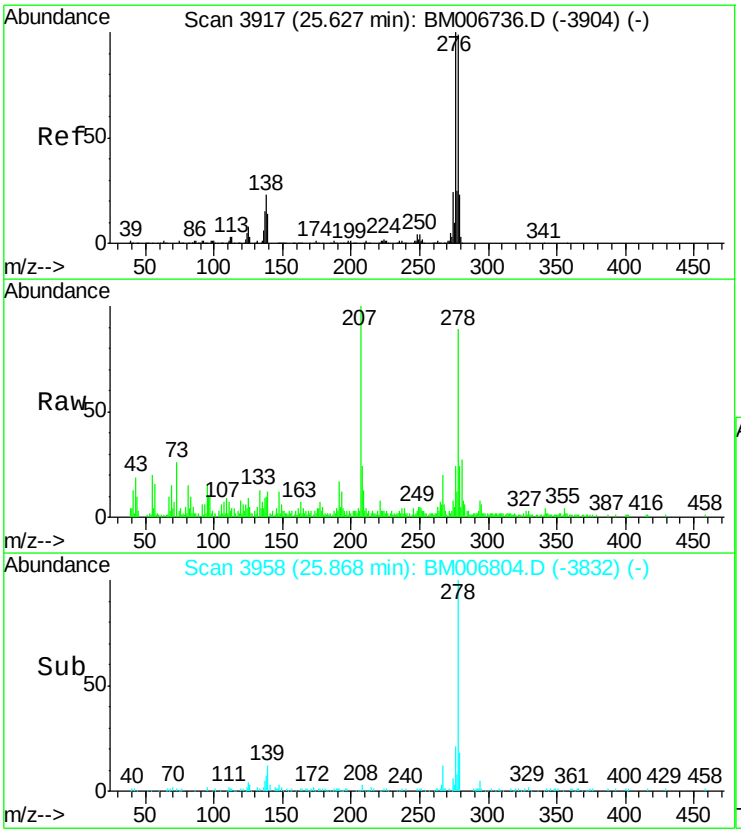
#39
Indeno(1,2,3-cd)pyrene
Concen: 4.53 ng/ul
RT: 25.62 min Scan# 3916
Delta R.T. -0.00 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 422759

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.8	23.6
277	25.2	19.0	28.6

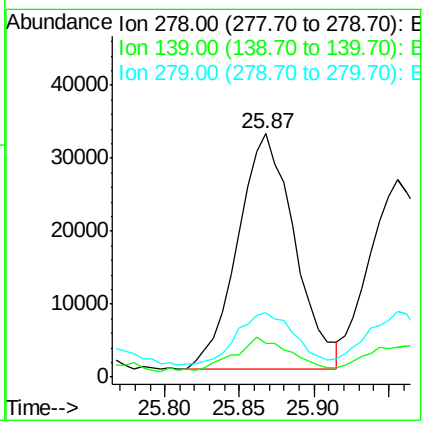


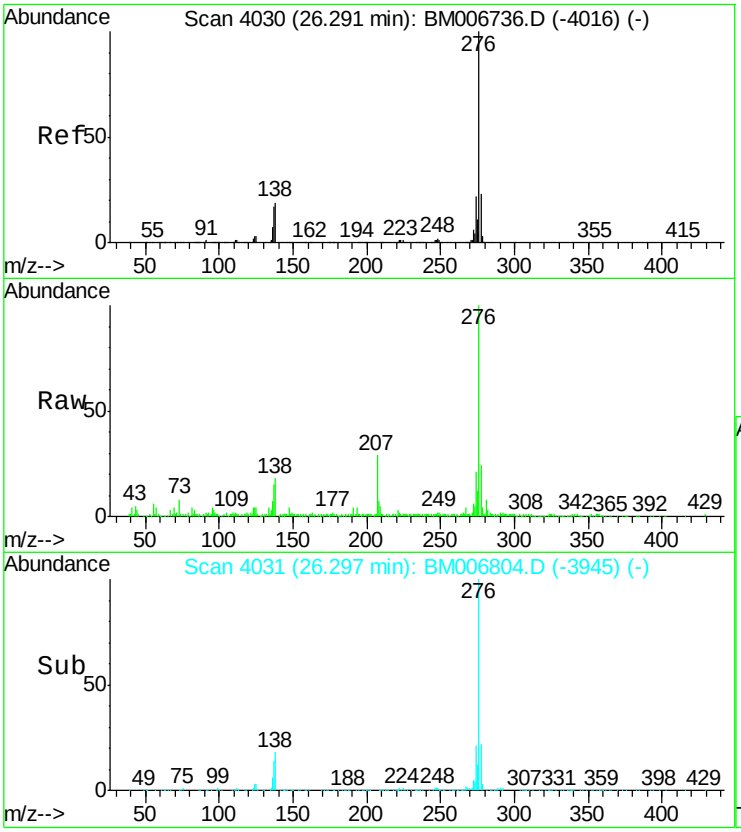


#40
Dibenzo(a,h)anthracene
Concen: 1.11 ng/ul
RT: 25.87 min Scan# 3958
Delta R.T. 0.24 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Tgt Ion:278 Resp: 85680

Ion	Ratio	Lower	Upper
278	100		
139	14.1	12.1	18.1
279	26.5	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 4.81 ng/ul
RT: 26.30 min Scan# 4031
Delta R.T. 0.01 min
Lab File: BM006804.D
Acq: 01 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 384723

Ion	Ratio	Lower	Upper
276	100		
138	18.2	13.9	20.9
277	23.7	19.8	29.6