Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006803.D
Acq On : 01 Aug 2016 00:07
Operator : UM/SJ
Sample : H4189-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 04:30:10 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	200040	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	860866	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	474283	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1048582	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1141000	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1191415	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	9398	1.90	ng/uL	0.00
3) Phenol-d5	6.79	99	347514	20.42	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	255516	24.24	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	302951	22.28	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	194944	14.77	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	154207	23.66	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	172382	24.88	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	291854	22.29	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	336450	23.33	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	891891	23.98	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1146127	24.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	115273	17.85	ng/ul	0.00
21) Fluorene-d10	15.26	176	790162	23.76	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	90965	16.71	ng/ul	0.00
26) Anthracene-d10	17.11	188	1176641	23.63	ng/ul	0.00
30) Pyrene-d10	19.42	212	1323973	25.47	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1328313	24.24	ng/ul	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.07	202	166305	2.40	ng/ul	98
31) Pyrene	19.44	202	152250	2.20	ng/ul	98
32) Benzo(a)anthracene	21.20	228	98891	1.43	ng/ul	95
33) Chrysene	21.25	228	121945	1.91	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	180230	2.52	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	180230	2.61	ng/ul	99
38) Benzo(a)pyrene	23.32	252	105892	1.52	ng/ul	94
39) Indeno(1,2,3-cd)pyrene	25.61	276	85330	1.06	ng/ul	97
41) Benzo(g,h,i)perylene	26.29	276	84165	1.22	ng/ul#	93

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

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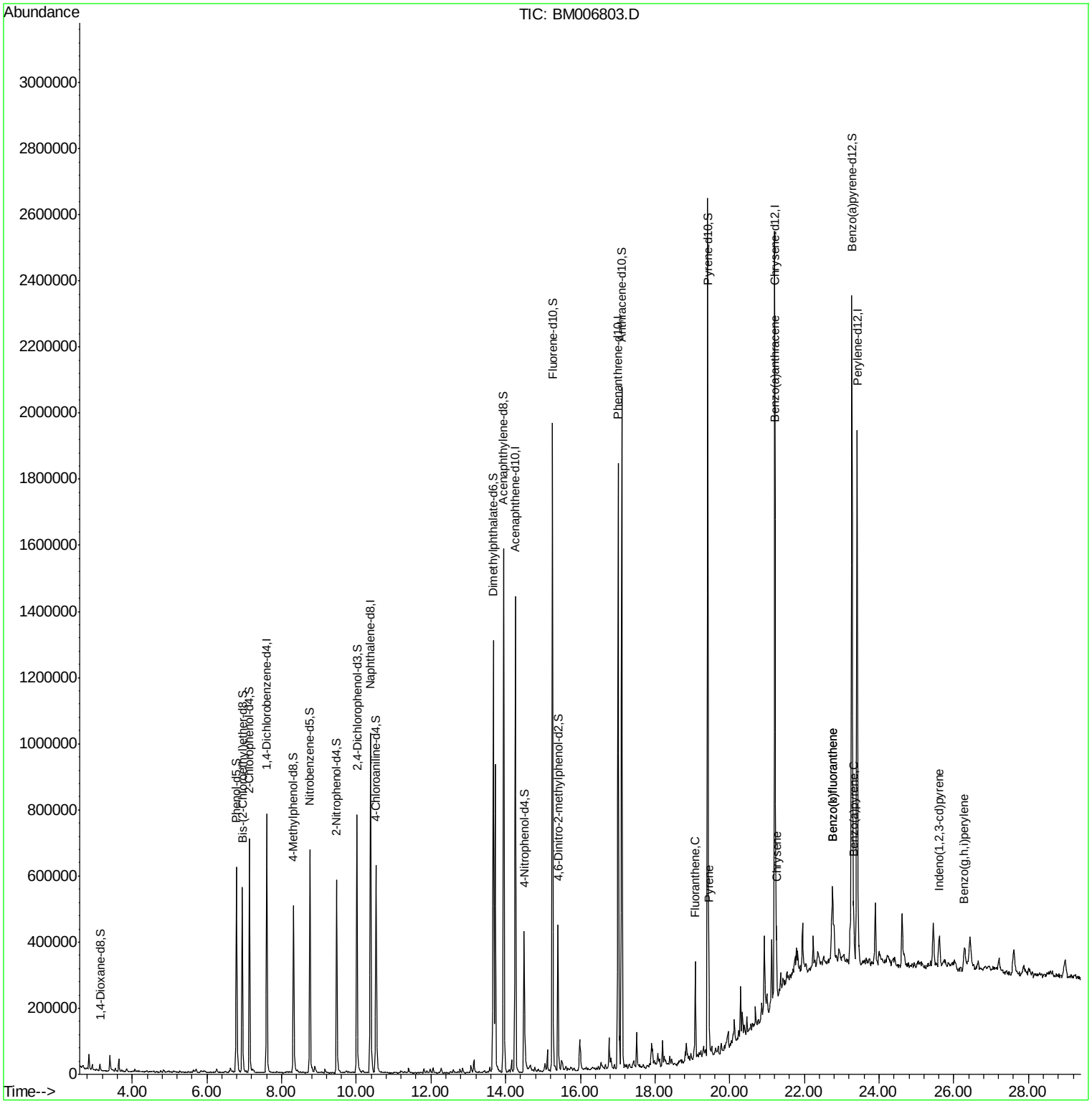
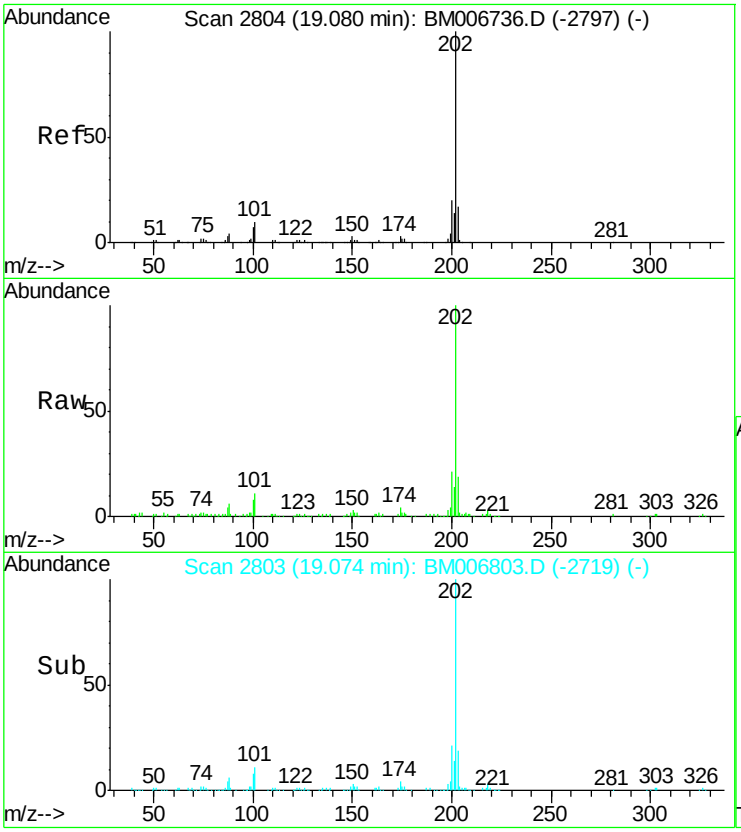


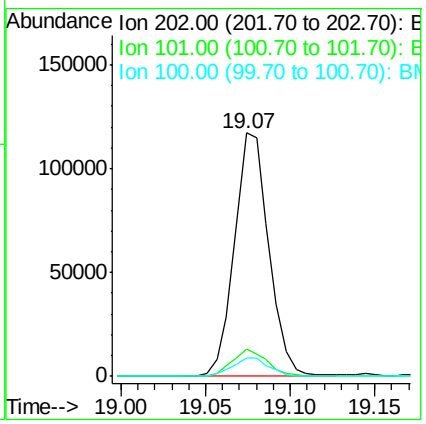


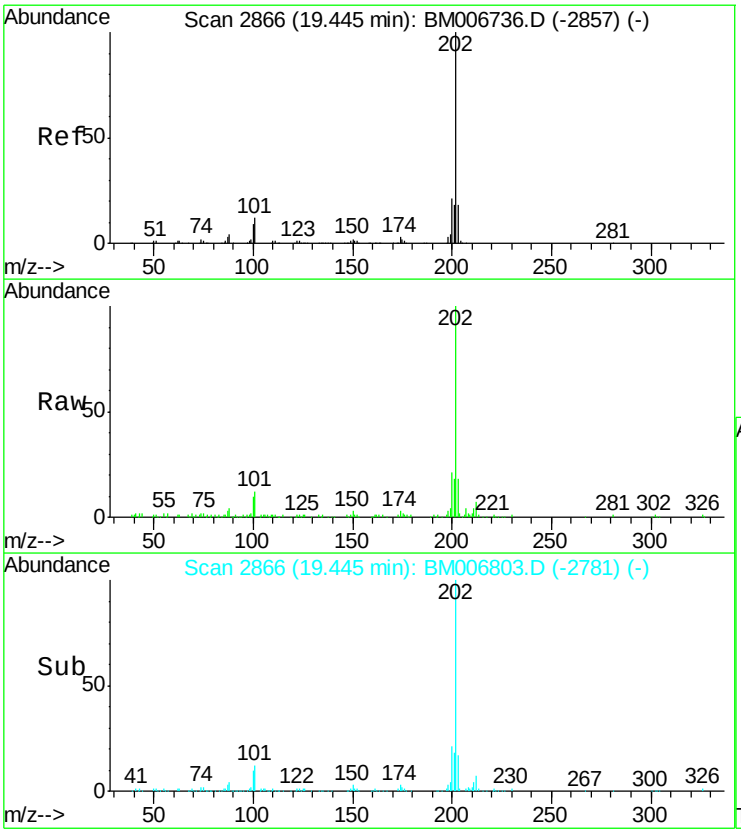
#28
Fluoranthene
Concen: 2.40 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 166305

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	7.7	7.0	10.4

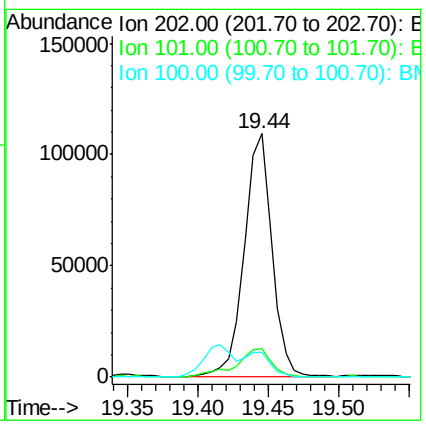


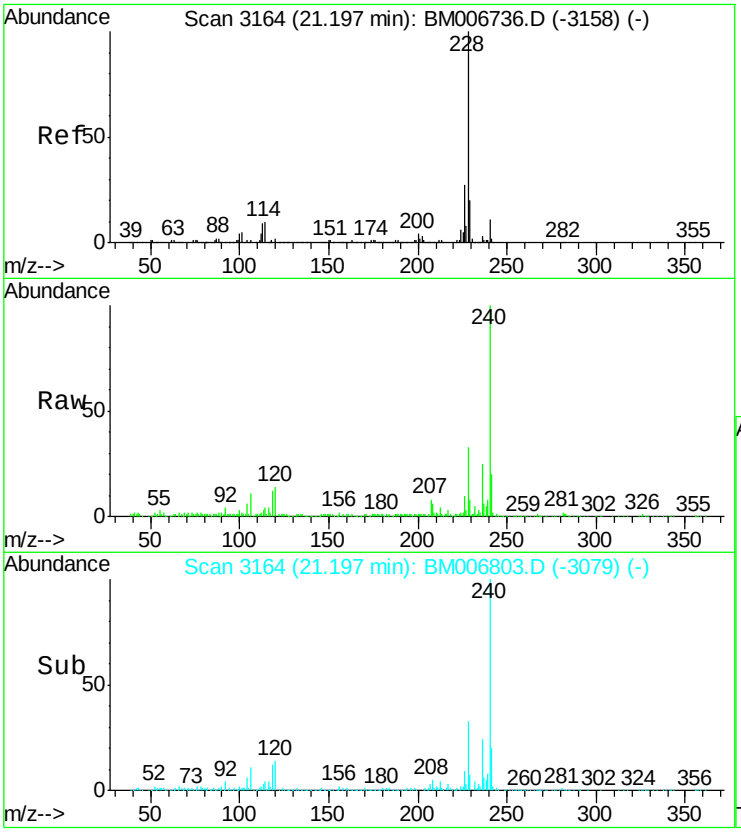


#31
Pyrene
Concen: 2.20 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Tgt Ion:202 Resp: 152250

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
100	10.2	9.3	13.9



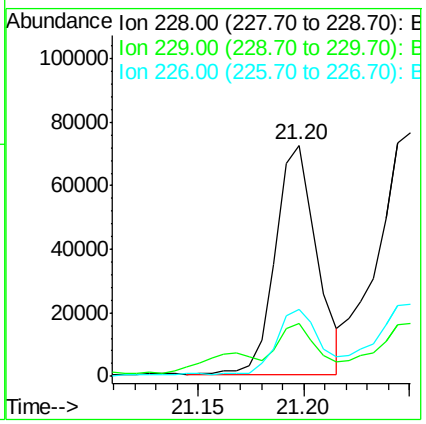


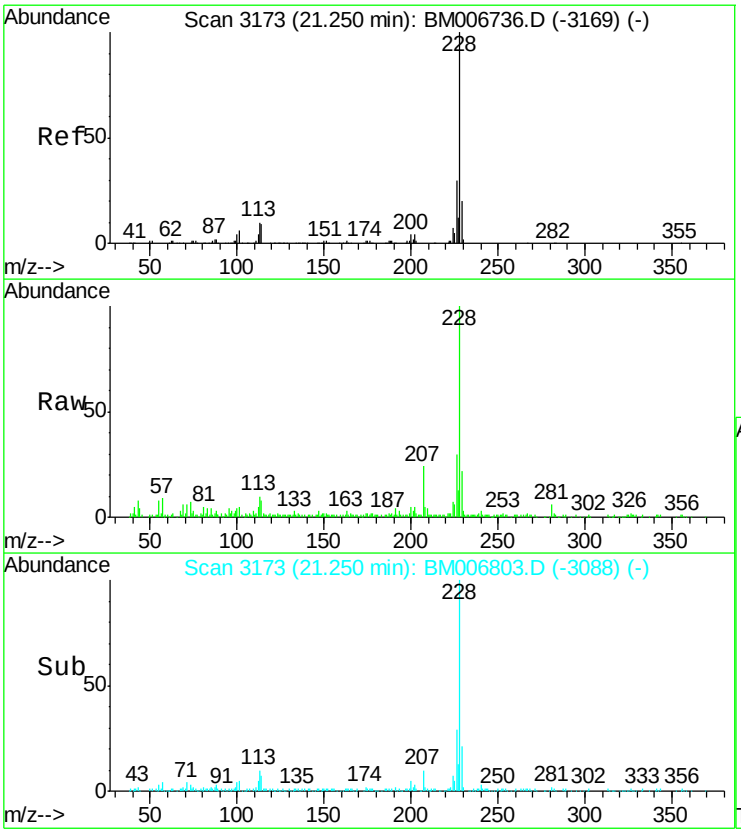
#32
Benzo(a)anthracene
Concen: 1.43 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 98891

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.6	25.0
226	28.9	21.0	31.4

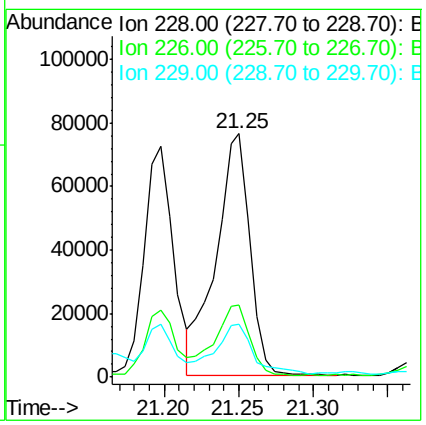


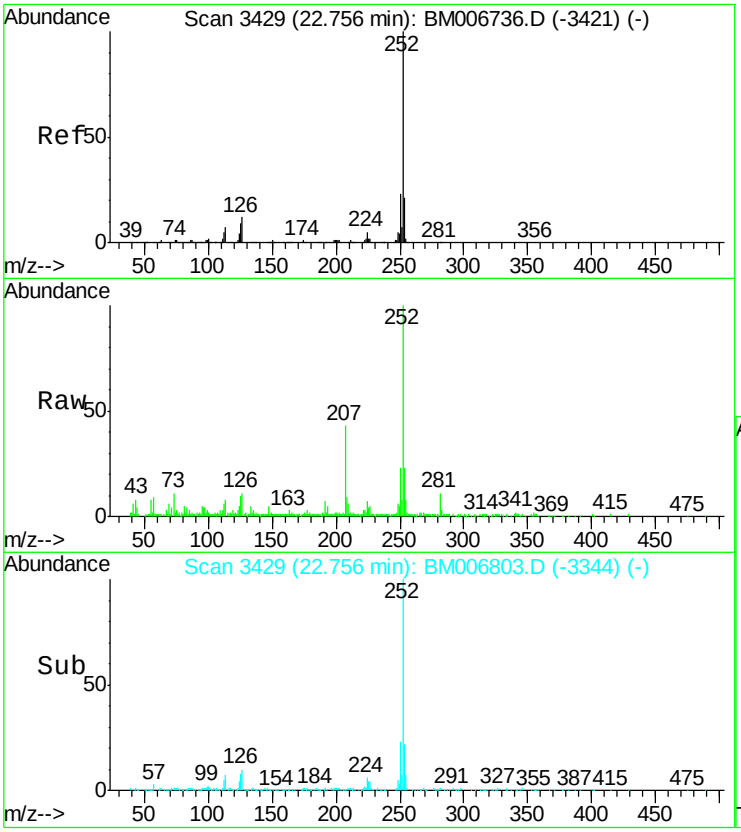


#33
Chrysene
Concen: 1.91 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Tgt Ion:228 Resp: 121945

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	21.7	16.2	24.2



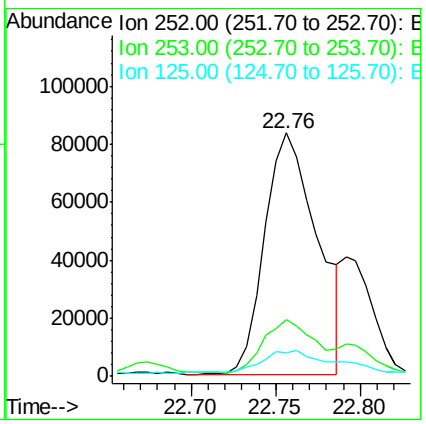


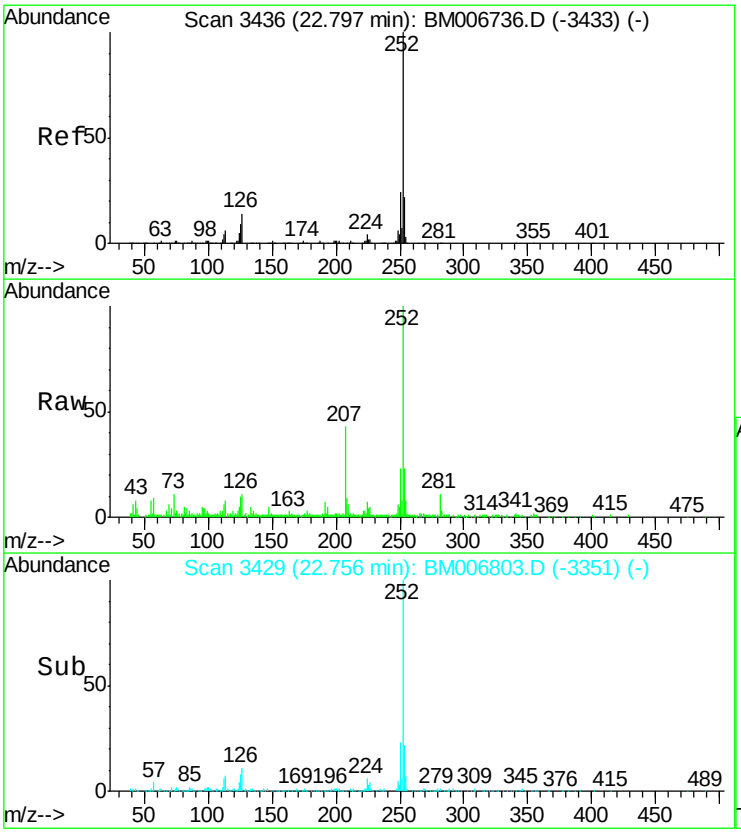
#35
Benzo(b)fluoranthene
Concen: 2.52 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 180230

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	9.5	7.6	11.4

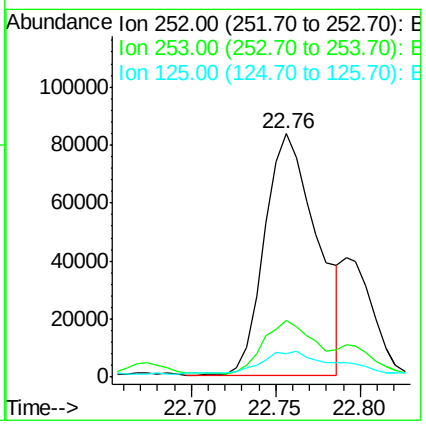


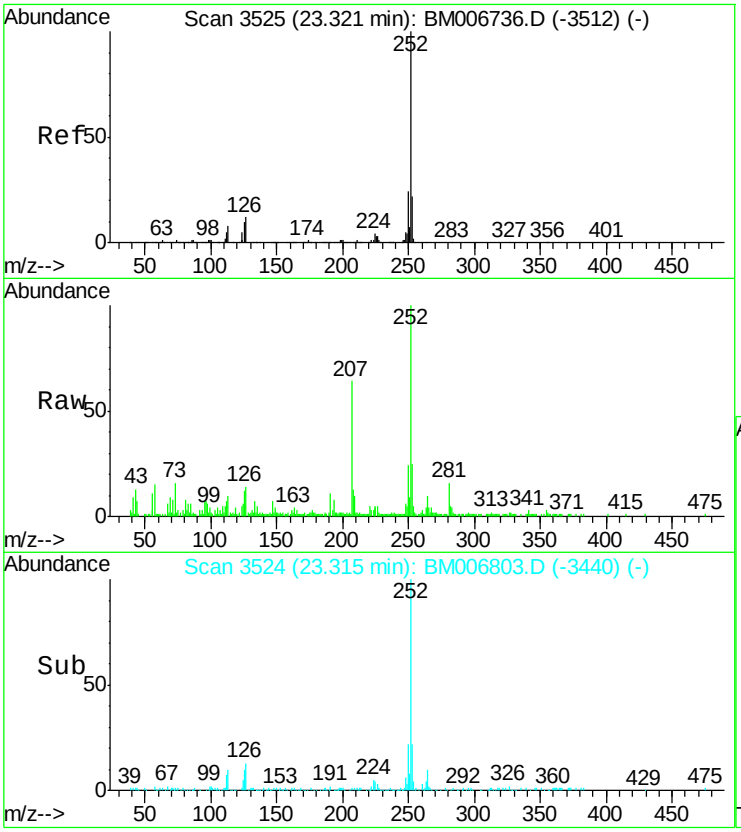


#36
Benzo(k)fluoranthene
Concen: 2.61 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Tgt Ion:252 Resp: 180230

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	9.5	7.7	11.5



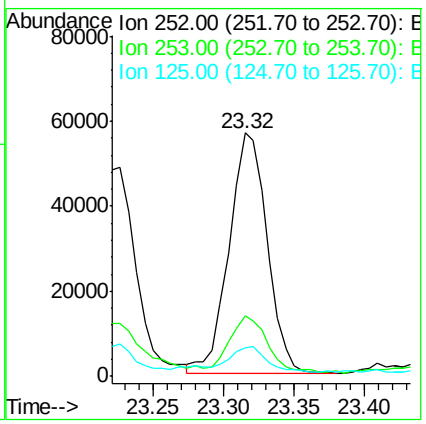


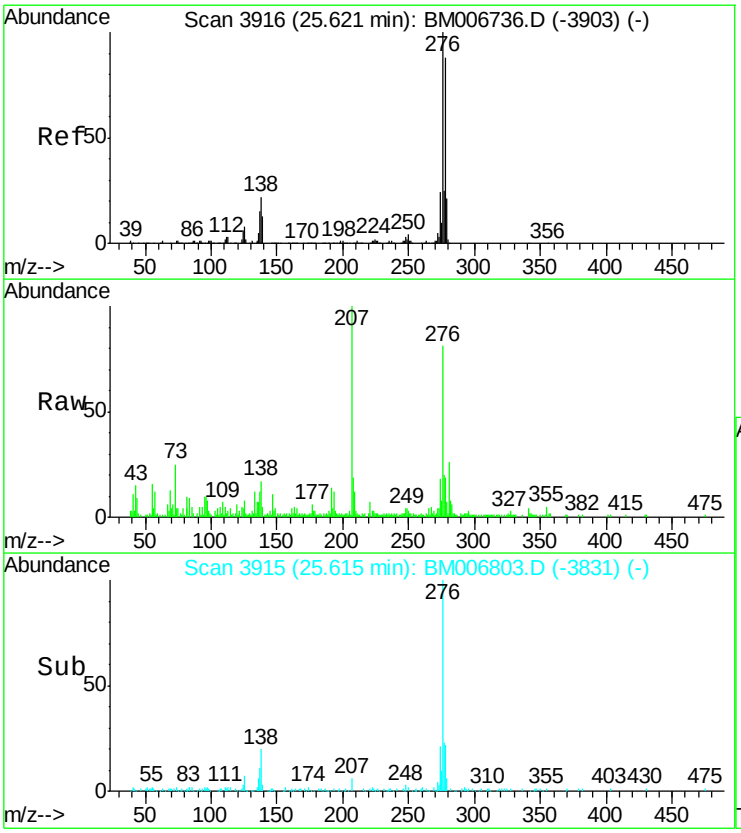
#38
Benzo(a)pyrene
Concen: 1.52 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 105892

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	12.0	8.2	12.2

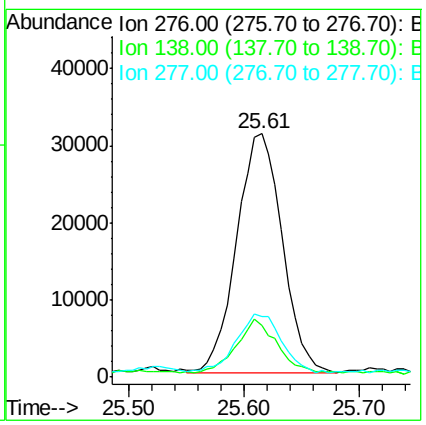


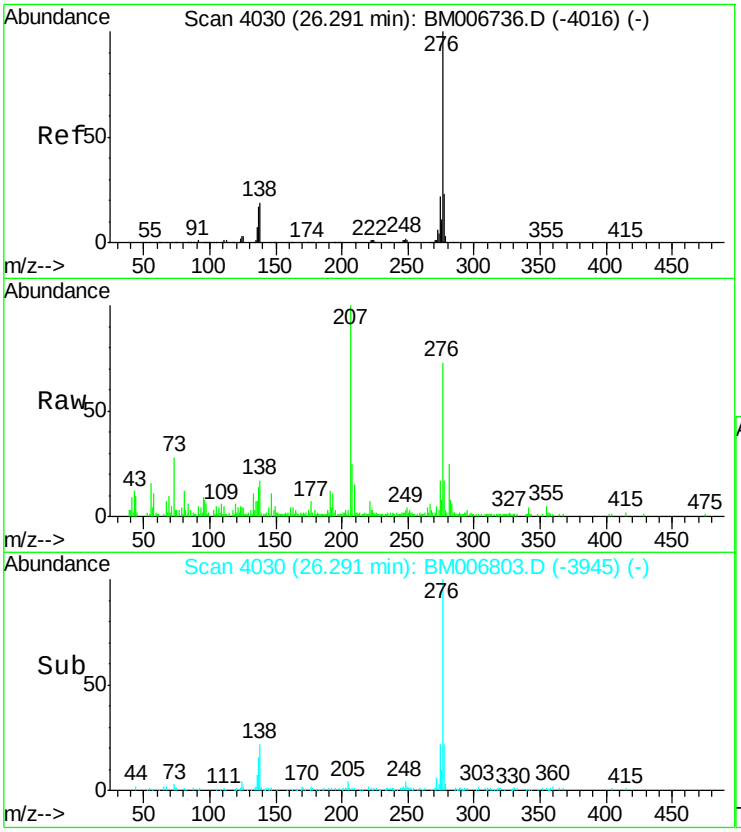


#39
Indeno(1,2,3-cd)pyrene
Concen: 1.06 ng/ul
RT: 25.61 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Tgt Ion:276 Resp: 85330

Ion	Ratio	Lower	Upper
276	100		
138	21.4	15.8	23.6
277	24.7	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 1.22 ng/ul
RT: 26.29 min Scan# 4030
Delta R.T. 0.00 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 84165

Ion	Ratio	Lower	Upper
276	100		
138	23.0	13.9	20.9#
277	23.5	19.8	29.6