Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
Data File : BM006741.D
Acq On : 29 Jul 2016 18:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: Jul 30 01:38:11 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	105009	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	450666	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	259758	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	595964	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	700565	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	741492	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	21454	8.26	ng/uL	0.00
3) Phenol-d5	6.79	99	177203	19.84	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	115125	20.80	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	143005	20.03	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	141882	20.48	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	67305	19.73	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	72432	19.97	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	137209	20.02	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	163477	21.65	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	414322	20.34	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	527630	20.30	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	67042	18.95	ng/ul	0.00
21) Fluorene-d10	15.26	176	366750	20.13	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	60117	19.43	ng/ul	0.00
26) Anthracene-d10	17.11	188	571423	20.19	ng/ul	0.00
30) Pyrene-d10	19.41	212	635703	19.91	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	685982	20.11	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.43	128	454158	19.54	ng/ul	99
13) 2-Methylnaphthalene	12.06	142	338618	19.86	ng/ul	98
14) 1-Methylnaphthalene	12.27	142	327760	20.15	ng/ul#	96
18) Acenaphthylene	13.97	152	553584	19.88	ng/ul	97
19) Acenaphthene	14.32	153	355149	19.85	ng/ul	94
22) Fluorene	15.31	166	413597	20.51	ng/ul	96
25) Phenanthrene	17.05	178	665116	19.84	ng/ul	99
27) Anthracene	17.14	178	688360	19.95	ng/ul	99
28) Fluoranthene	19.07	202	795438	20.20	ng/ul	99
31) Pyrene	19.44	202	844443	19.91	ng/ul	97
32) Benzo(a)anthracene	21.20	228	851990	20.07	ng/ul	98
33) Chrysene	21.25	228	784353	20.04	ng/ul	99
35) Benzo(b)fluoranthene	22.76	252	916570	20.62	ng/ul	99
36) Benzo(k)fluoranthene	22.80	252	824029	19.17	ng/ul	98
38) Benzo(a)pyrene	23.32	252	870939	20.13	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.61	276	1006464	20.09	ng/ul	96
40) Dibenzo(a,h)anthracene	25.62	278	844708	20.34	ng/ul	99
41) Benzo(g,h,i)perylene	26.29	276	858606	19.99	ng/ul	96

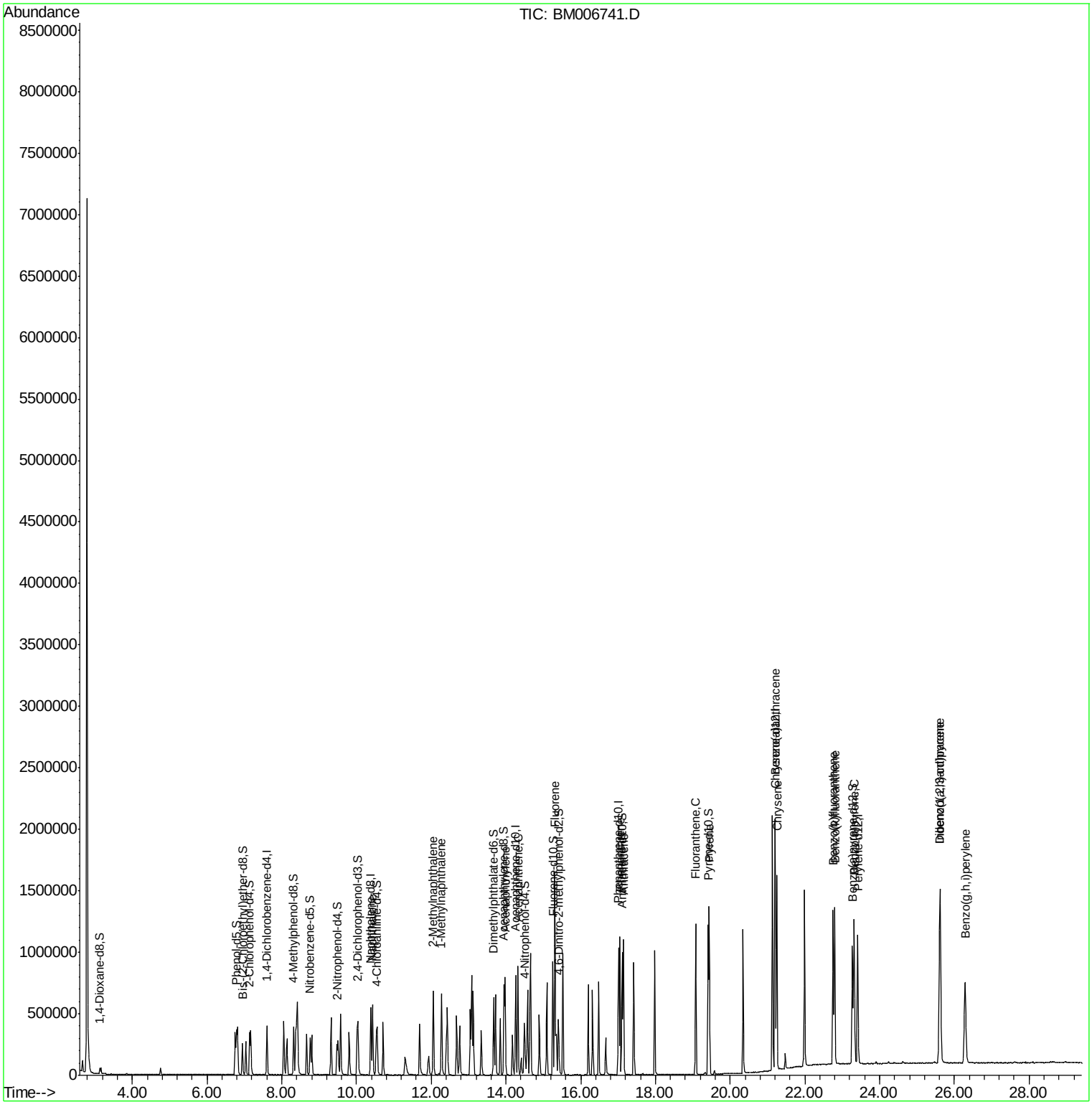
(#) = qualifier out of range (m) = manual integration (+) = signals summed

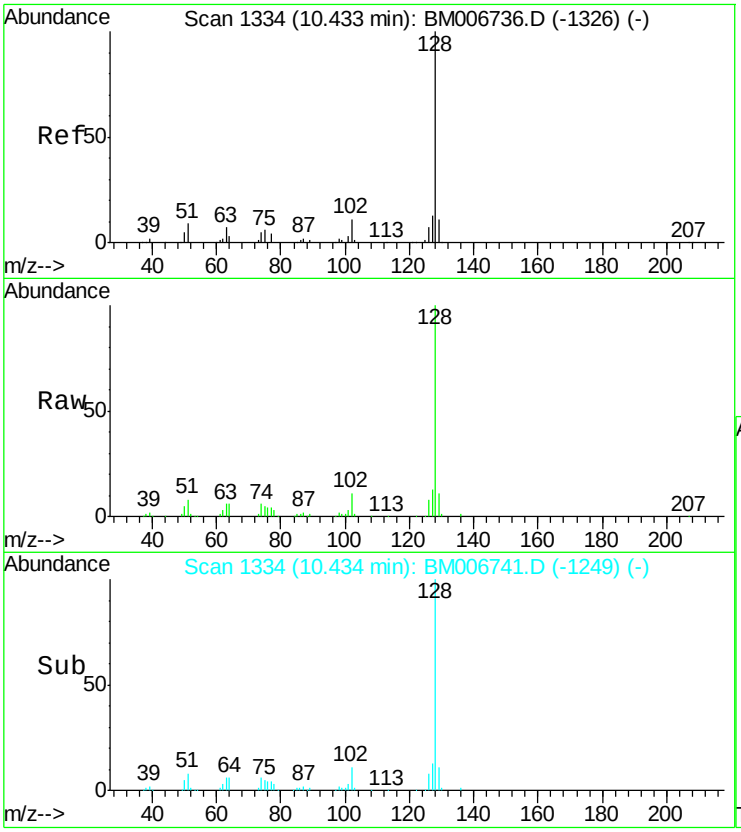
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
Data File : BM006741.D
Acq On : 29 Jul 2016 18:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Quant Time: Jul 30 01:38:11 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



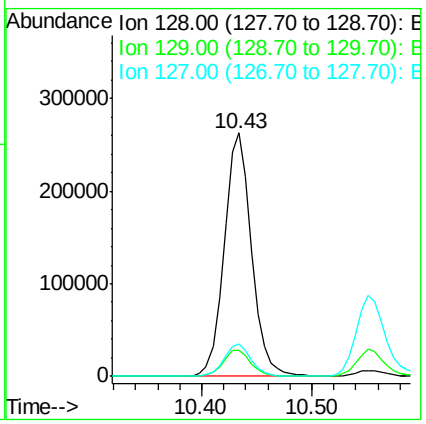


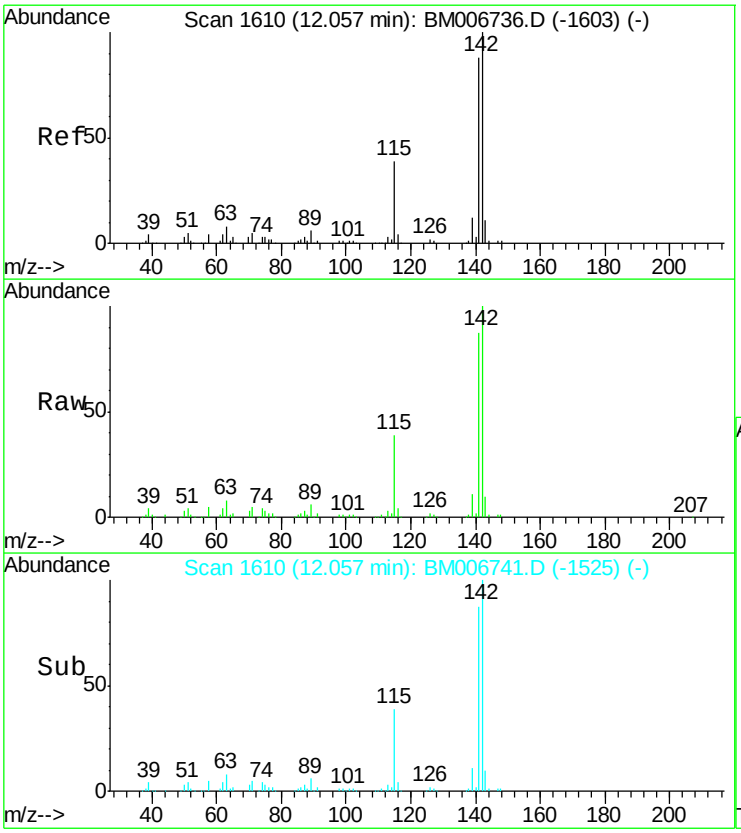
#11
Naphthalene
Concen: 19.54 ng/ul
RT: 10.43 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:128 Resp: 454158

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.2	10.8	16.2

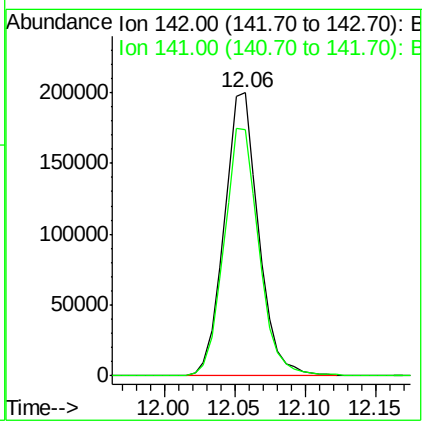


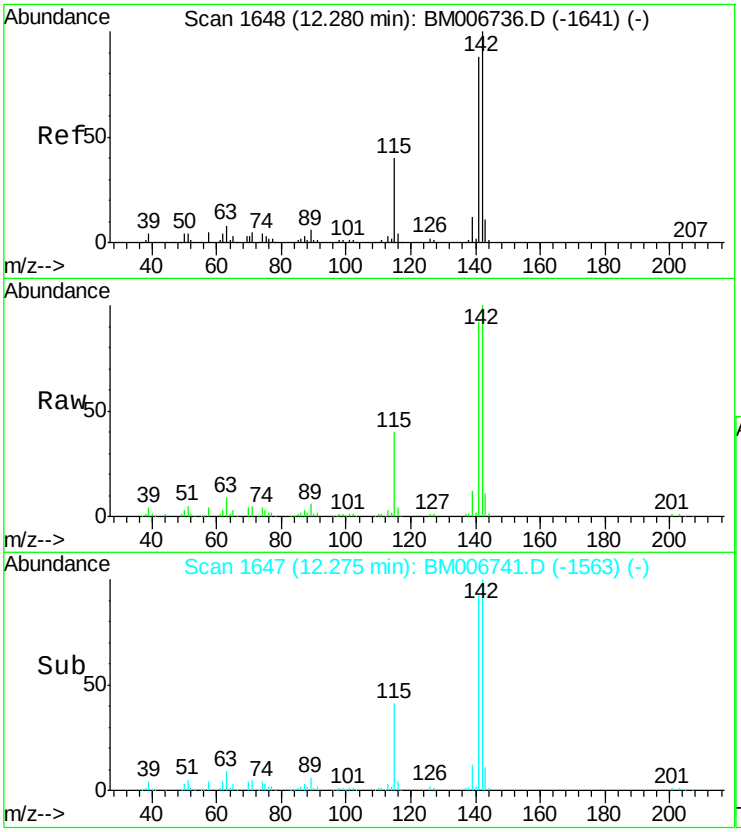


#13
2-Methylnaphthalene
Concen: 19.86 ng/ul
RT: 12.06 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Tgt Ion:142 Resp: 338618

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.3	106.9



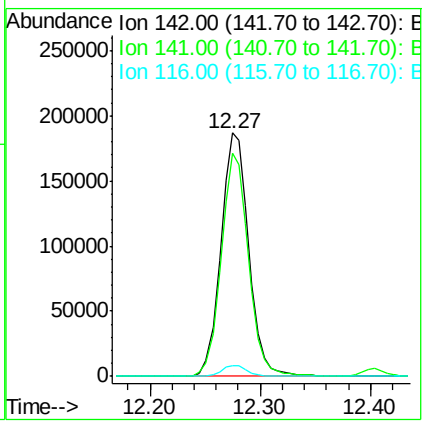


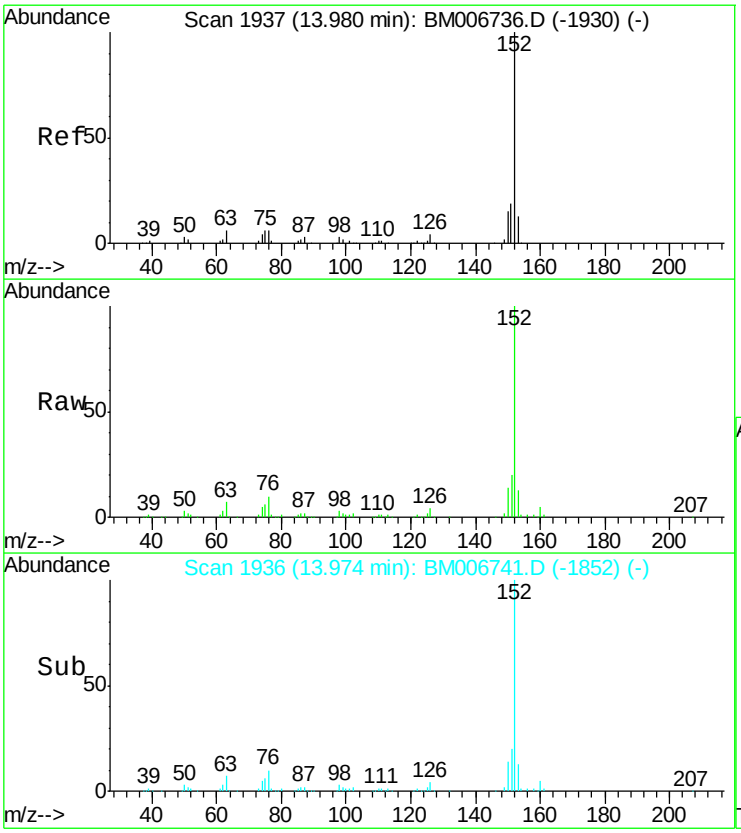
#14
1-Methylnaphthalene
Concen: 20.15 ng/ul
RT: 12.27 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:142 Resp: 327760

Ion	Ratio	Lower	Upper
142	100		
141	91.8	77.0	115.4
116	4.2	4.2	6.4#

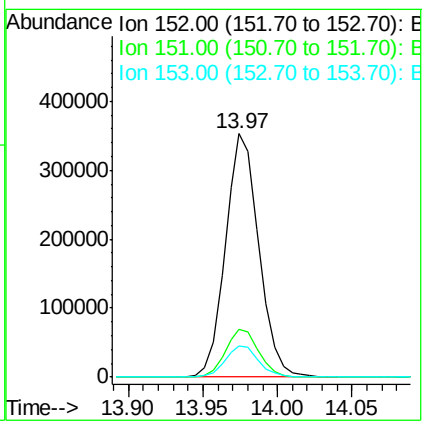


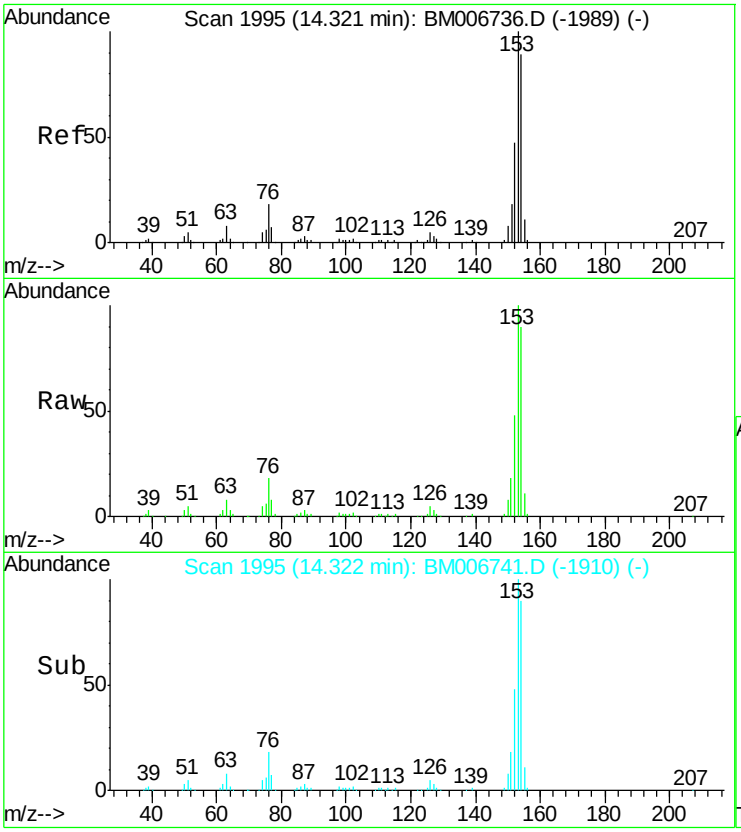


#18
Acenaphthylene
Concen: 19.88 ng/ul
RT: 13.97 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Tgt Ion:152 Resp: 553584

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.3	25.9
153	13.0	11.1	16.7



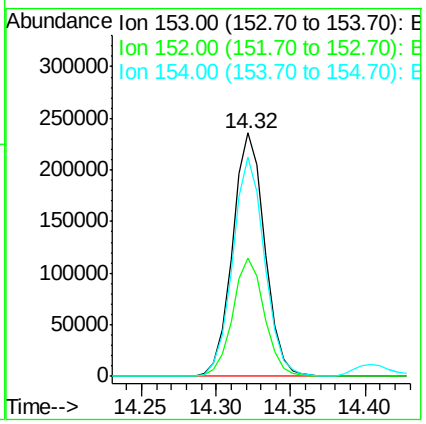


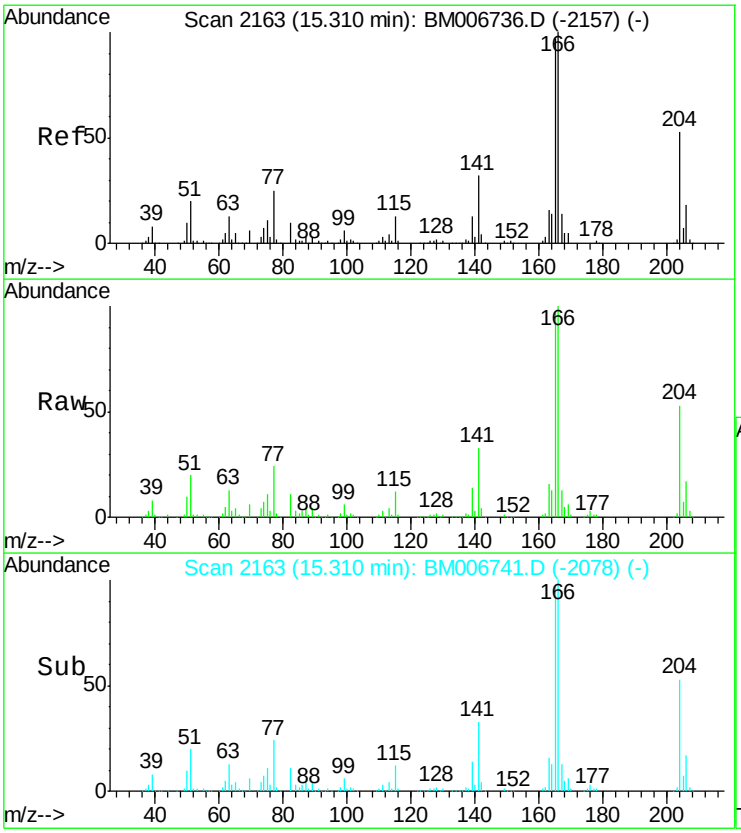
#19
Acenaphthene
Concen: 19.85 ng/ul
RT: 14.32 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:153 Resp: 355149

Ion	Ratio	Lower	Upper
153	100		
152	48.4	36.5	54.7
154	89.9	67.3	100.9

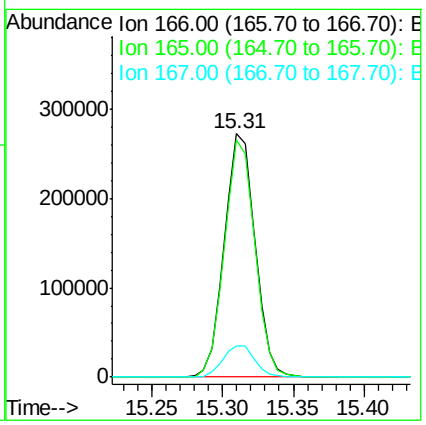


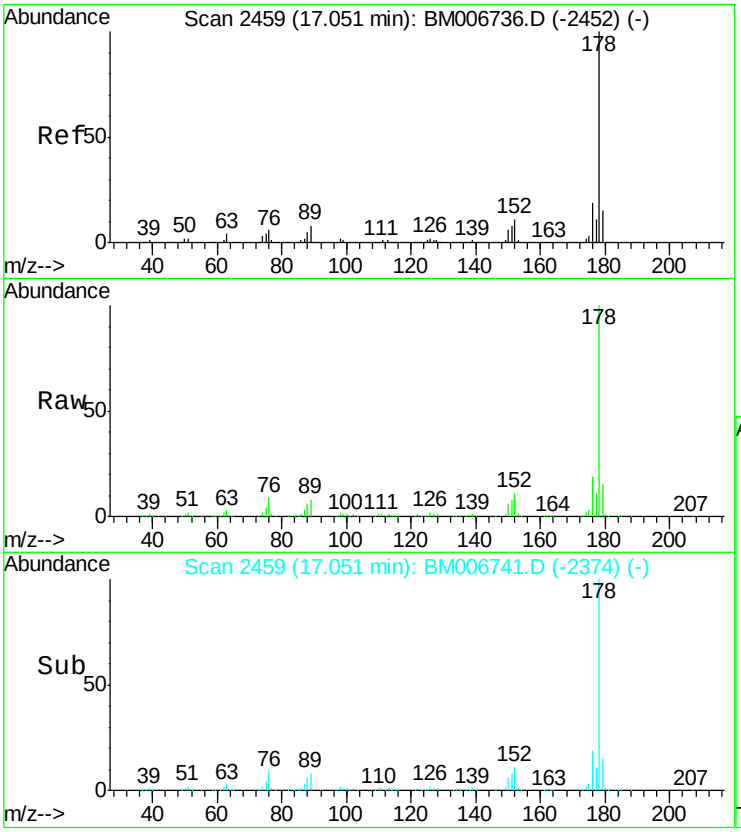


#22
Fluorene
Concen: 20.51 ng/ul
RT: 15.31 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Tgt Ion:166 Resp: 413597

Ion	Ratio	Lower	Upper
166	100		
165	97.4	81.1	121.7
167	12.8	10.6	16.0



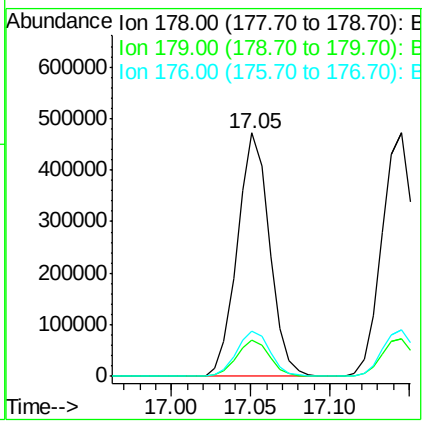


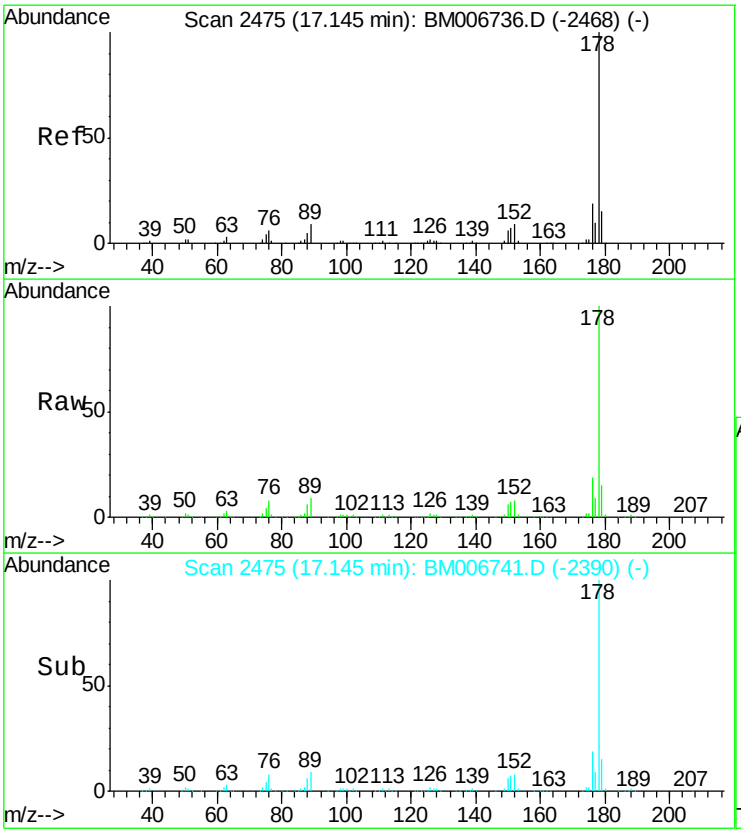
#25
Phenanthrene
Concen: 19.84 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:178 Resp: 665116

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.7	14.8	22.2

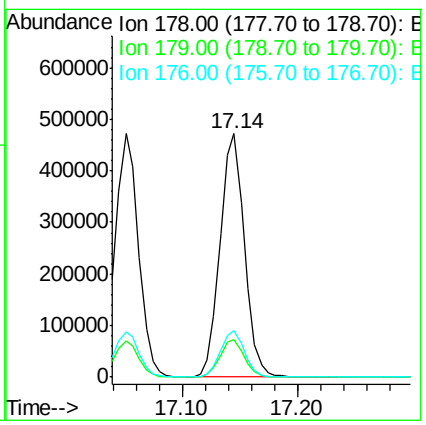


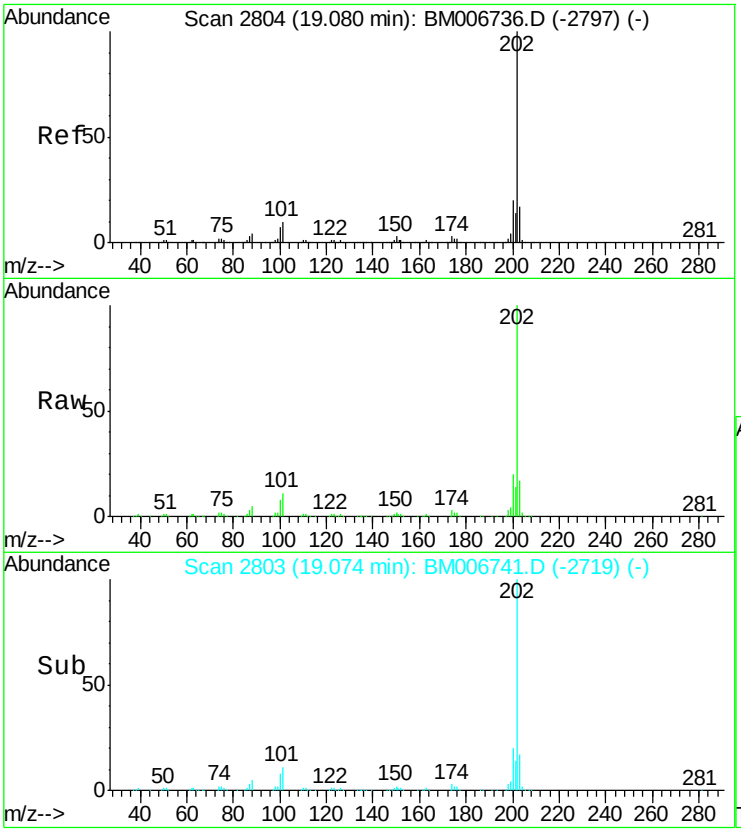


#27
Anthracene
Concen: 19.95 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Tgt Ion:178 Resp: 688360

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.0	15.6	23.4



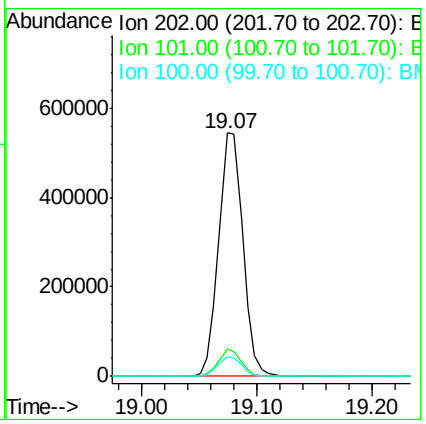


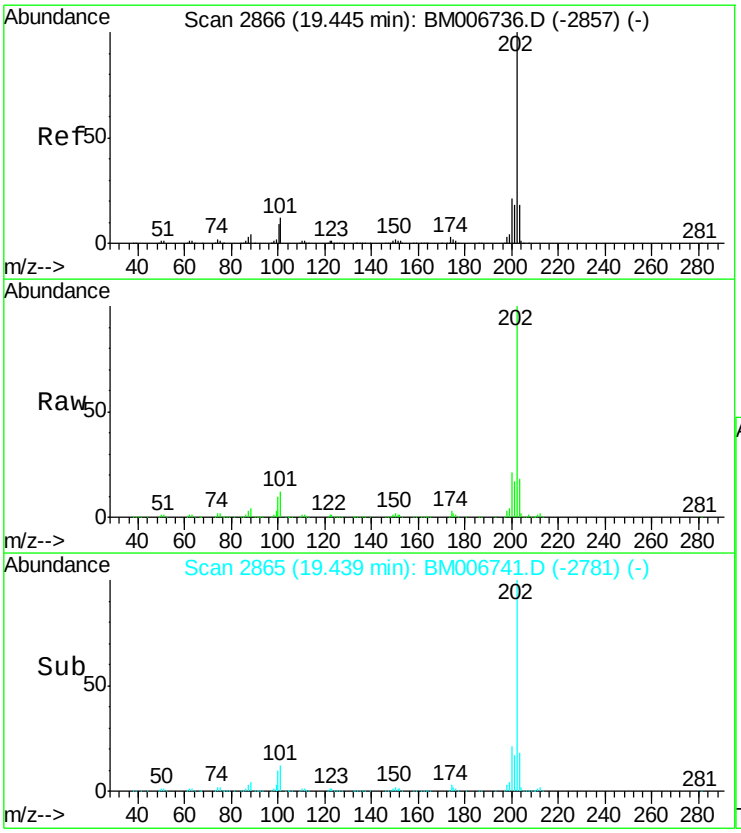
#28
Fluoranthene
Concen: 20.20 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:202 Resp: 795438

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	8.0	7.0	10.4

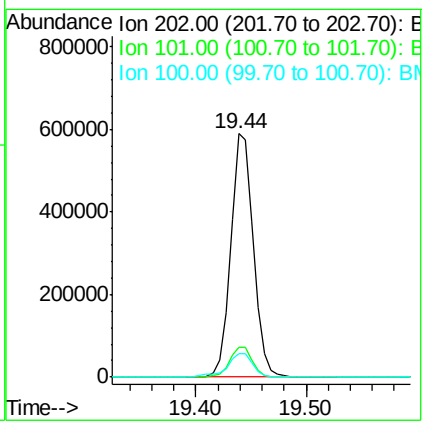


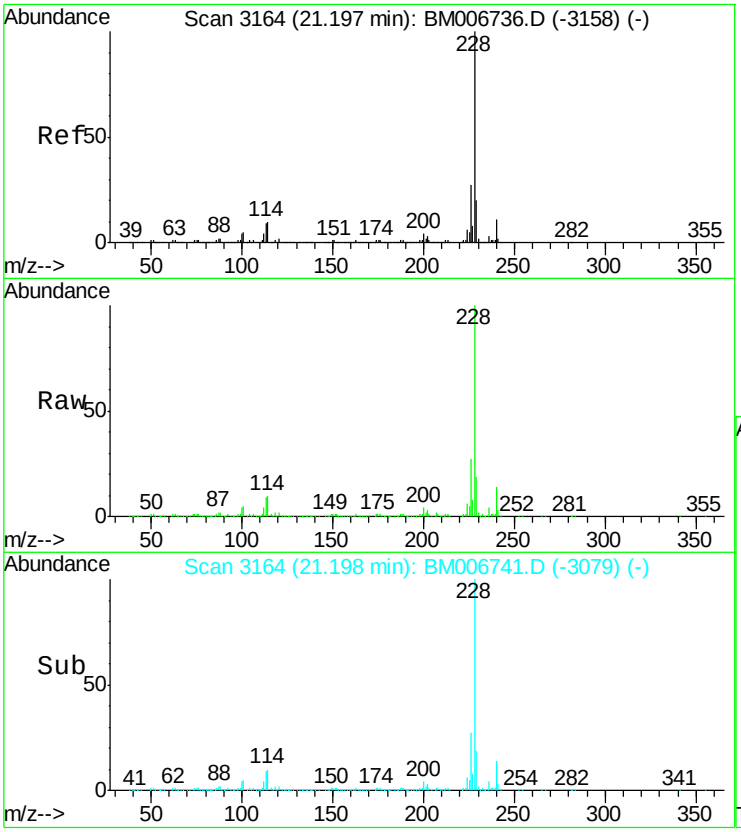


#31
Pyrene
Concen: 19.91 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Tgt Ion:202 Resp: 844443

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	9.5	9.3	13.9



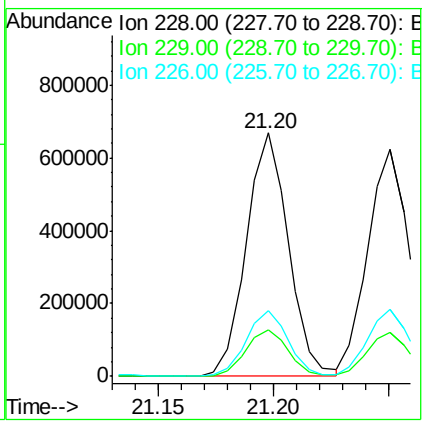


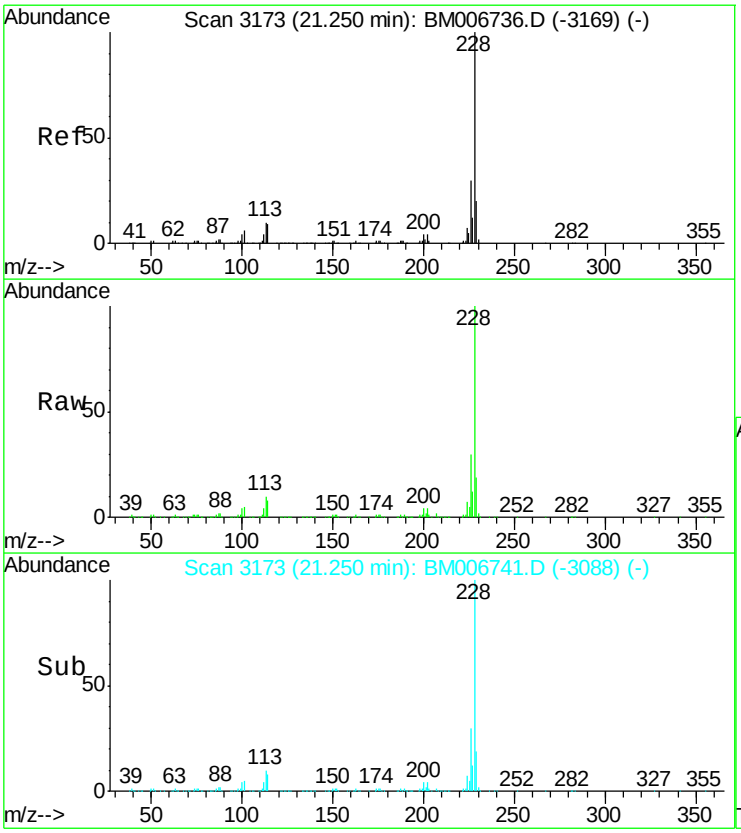
#32
Benzo(a)anthracene
Concen: 20.07 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:228 Resp: 851990

Ion	Ratio	Lower	Upper
228	100		
229	19.2	16.6	25.0
226	26.9	21.0	31.4

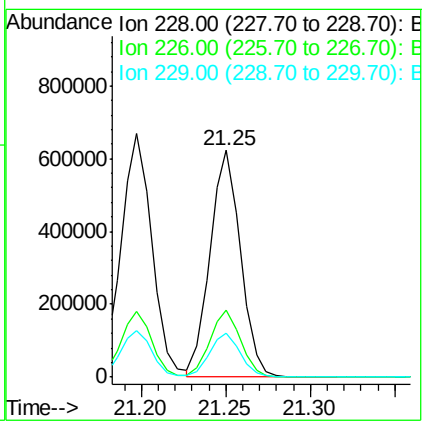


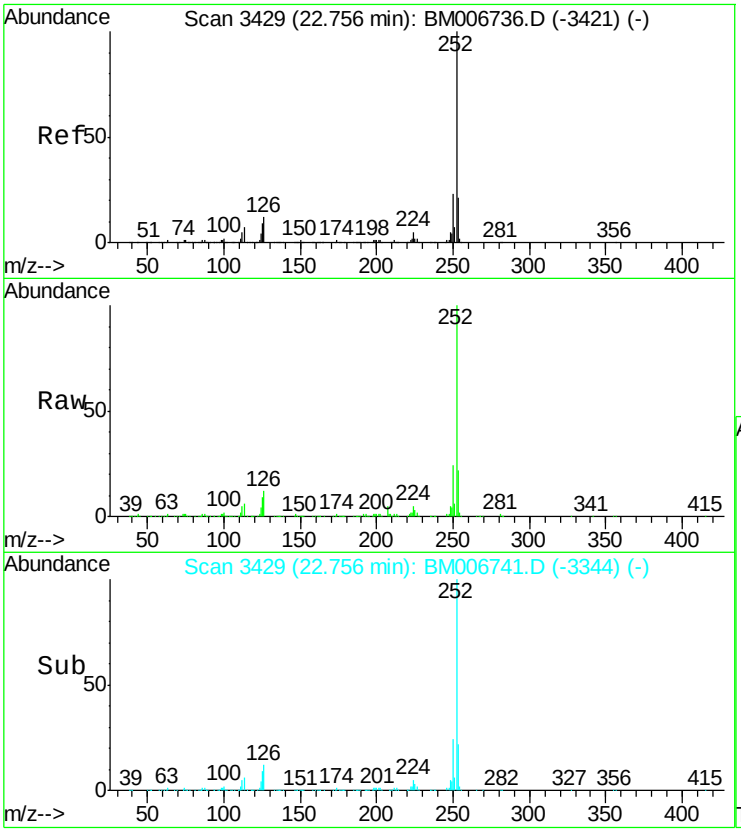


#33
Chrysene
Concen: 20.04 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Tgt Ion:228 Resp: 784353

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	19.3	16.2	24.2



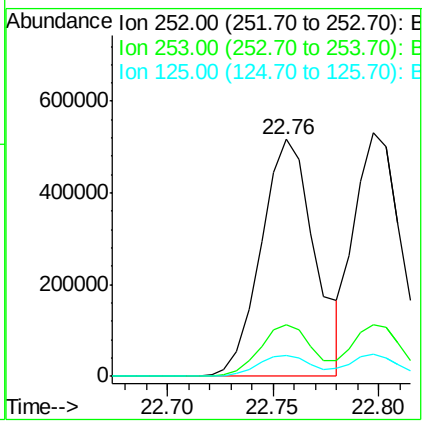


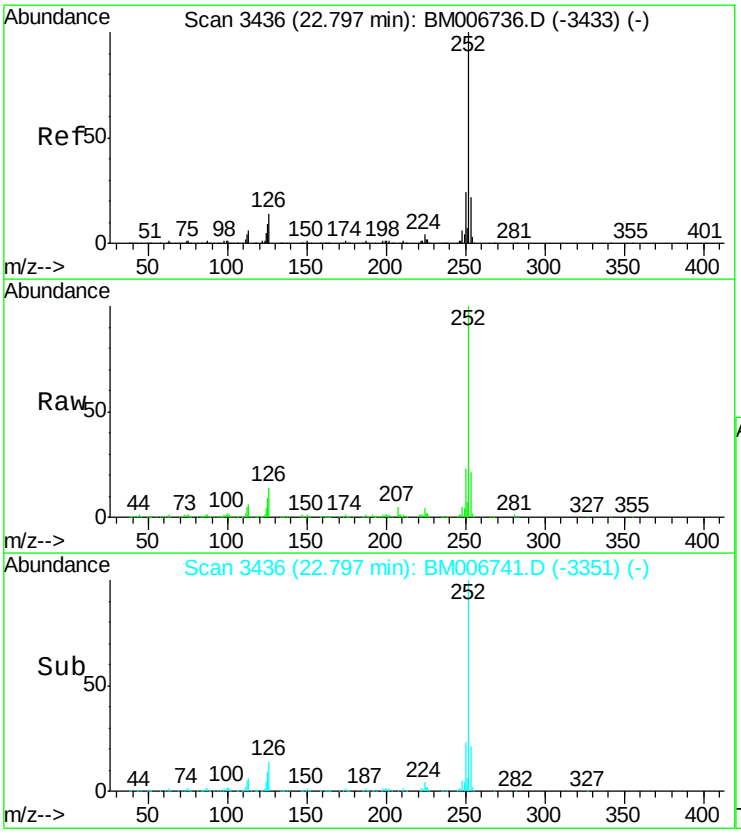
#35
Benzo(b)fluoranthene
Concen: 20.62 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:252 Resp: 916570

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.0	7.6	11.4

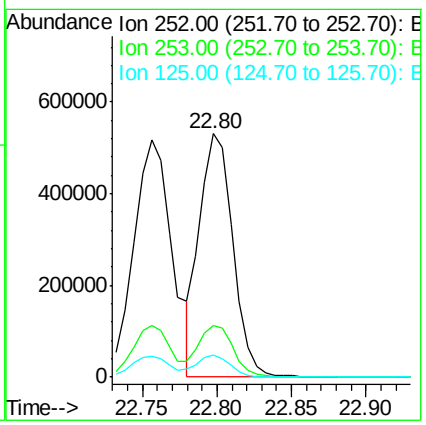


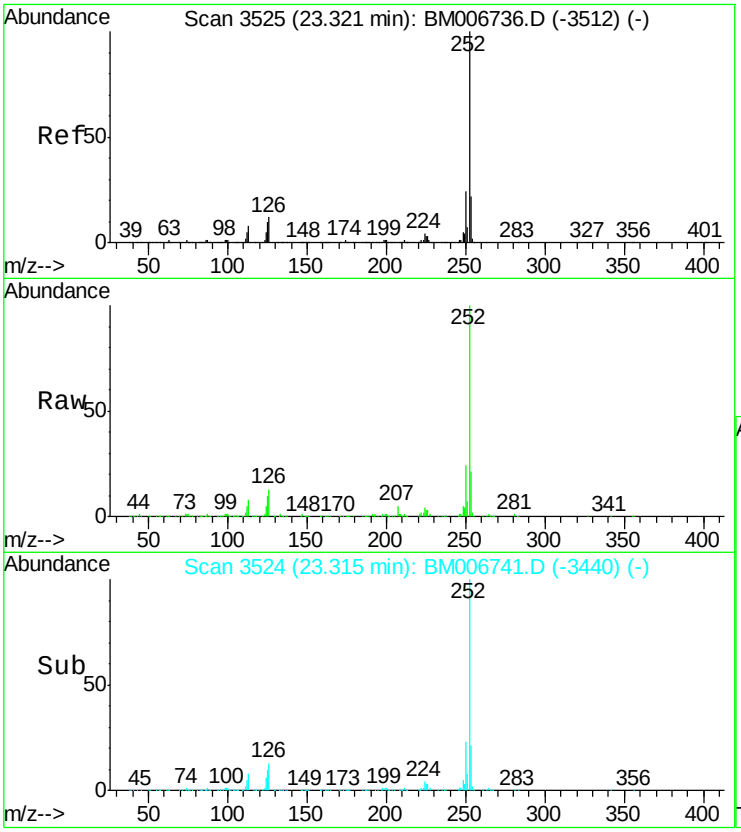


#36
Benzo(k)fluoranthene
Concen: 19.17 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Tgt Ion:252 Resp: 824029

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	9.0	7.7	11.5



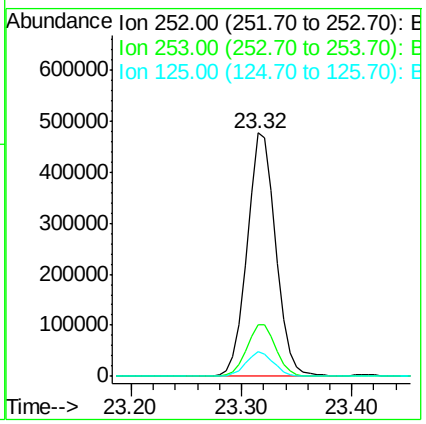


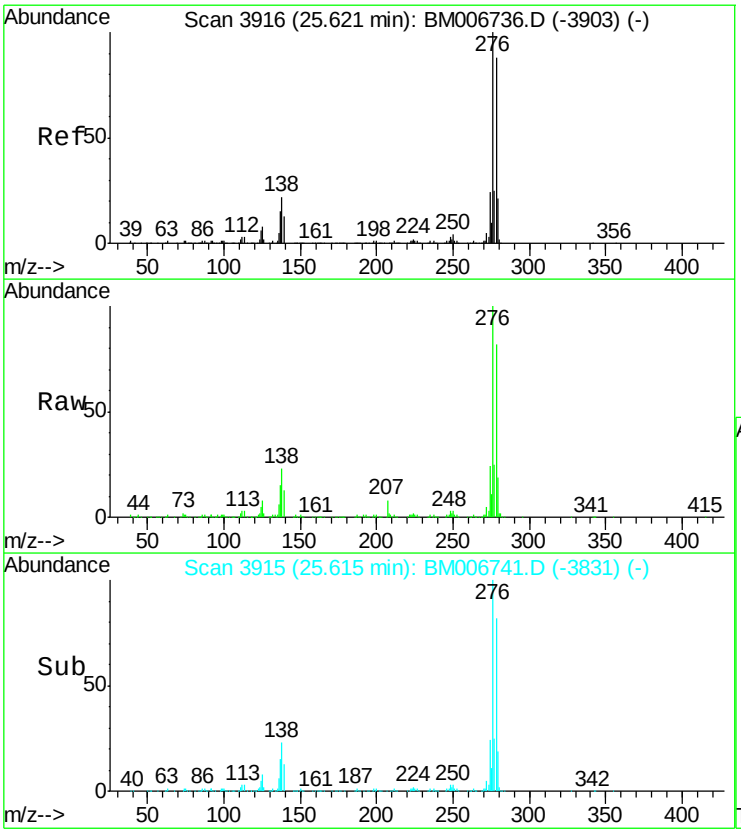
#38
Benzo(a)pyrene
Concen: 20.13 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:252 Resp: 870939

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	10.1	8.2	12.2

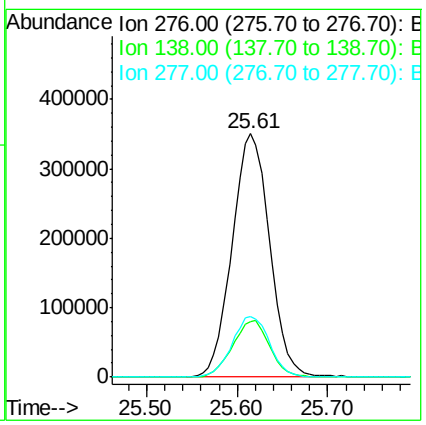


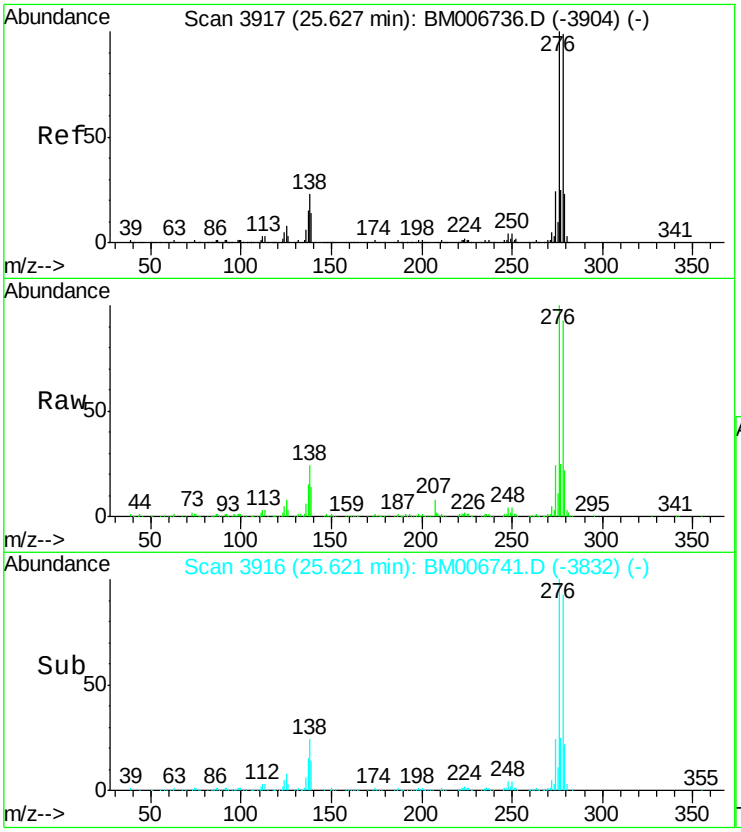


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.09 ng/ul
RT: 25.61 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Tgt Ion:276 Resp: 1006464

Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.8	23.6
277	24.9	19.0	28.6



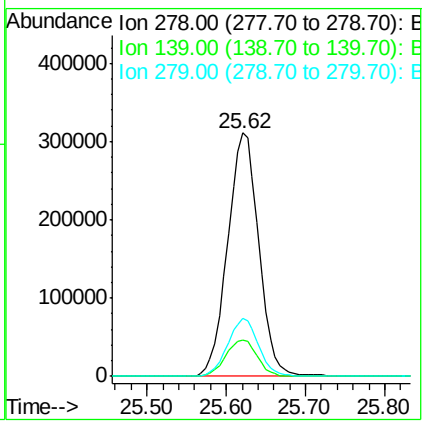


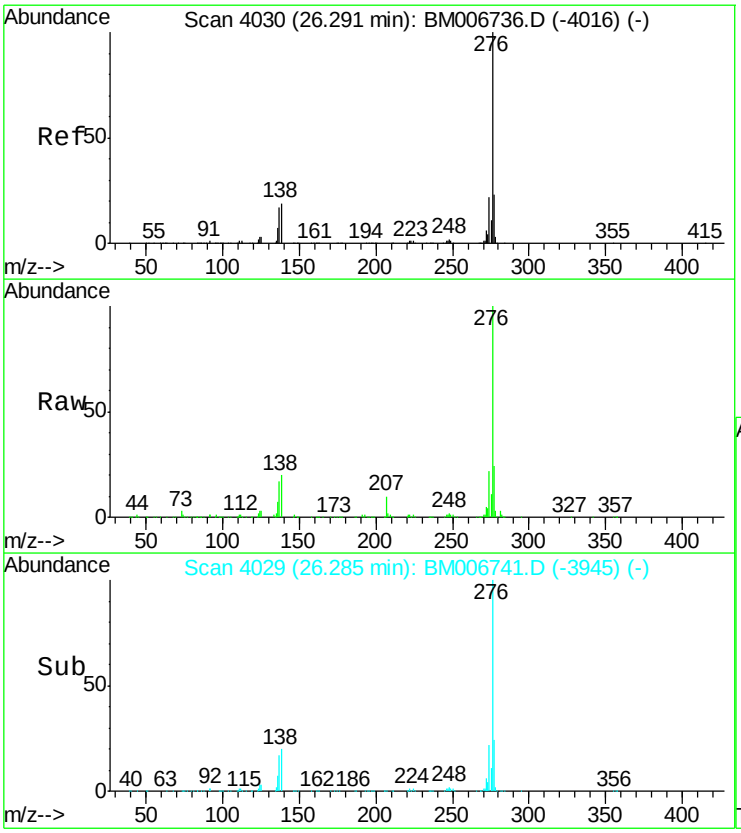
#40
Dibenzo(a,h)anthracene
Concen: 20.34 ng/ul
RT: 25.62 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:278 Resp: 844708

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.1	18.1
279	23.8	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 19.99 ng/ul
RT: 26.29 min Scan# 4029
Delta R.T. -0.01 min
Lab File: BM006741.D
Acq: 29 Jul 2016 18:00

Tgt Ion:276 Resp: 858606

Ion	Ratio	Lower	Upper
276	100		
138	20.2	13.9	20.9
277	24.0	19.8	29.6