Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006781.D
Acq On : 31 Jul 2016 10:04
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 06:41:15 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	141620	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	596740	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	344180	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.10	188	765254	20.00	ng/ul	0.09
29) Chrysene-d12	21.21	240	925319	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	956397	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	27162	7.76	ng/uL	0.00
3) Phenol-d5	6.79	99	248901	20.66	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	153321	20.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	195154	20.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	190759	20.41	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	92133	20.40	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	99805	20.78	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	187711	20.68	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	228993	22.91	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	535576	19.85	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	696517	20.22	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	92913	19.82	ng/ul	0.00
21) Fluorene-d10	15.25	176	482914	20.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	85899	21.63	ng/ul	0.00
26) Anthracene-d10	17.10	188	765254	21.06	ng/ul	0.00
30) Pyrene-d10	19.41	212	858636	20.36	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	897275	20.40	ng/ul	-0.01
Target Compounds						Qvalue
11) Naphthalene	10.43	128	607825	19.75	ng/ul	99
13) 2-Methylnaphthalene	12.05	142	449247	19.90	ng/ul	97
14) 1-Methylnaphthalene	12.27	142	425868	19.77	ng/ul#	95
18) Acenaphthylene	13.97	152	729840	19.78	ng/ul	97
19) Acenaphthene	14.32	153	462870	19.52	ng/ul	96
22) Fluorene	15.31	166	536411	20.08	ng/ul	97
25) Phenanthrene	17.14	178	916921	21.31	ng/ul	100
27) Anthracene	17.14	178	916921	20.69	ng/ul	98
28) Fluoranthene	19.07	202	1060949	20.98	ng/ul	99
31) Pyrene	19.44	202	1123116	20.05	ng/ul	97
32) Benzo(a)anthracene	21.19	228	1121453	20.00	ng/ul	98
33) Chrysene	21.24	228	1024241	19.81	ng/ul	99
35) Benzo(b)fluoranthene	22.75	252	1186996	20.70	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	1103935	19.91	ng/ul	98
38) Benzo(a)pyrene	23.31	252	1127491	20.21	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.61	276	1304870	20.19	ng/ul	95
40) Dibenzo(a,h)anthracene	25.61	278	1093597	20.42	ng/ul	98
41) Benzo(g,h,i)perylene	26.29	276	1105941	19.97	ng/ul	96

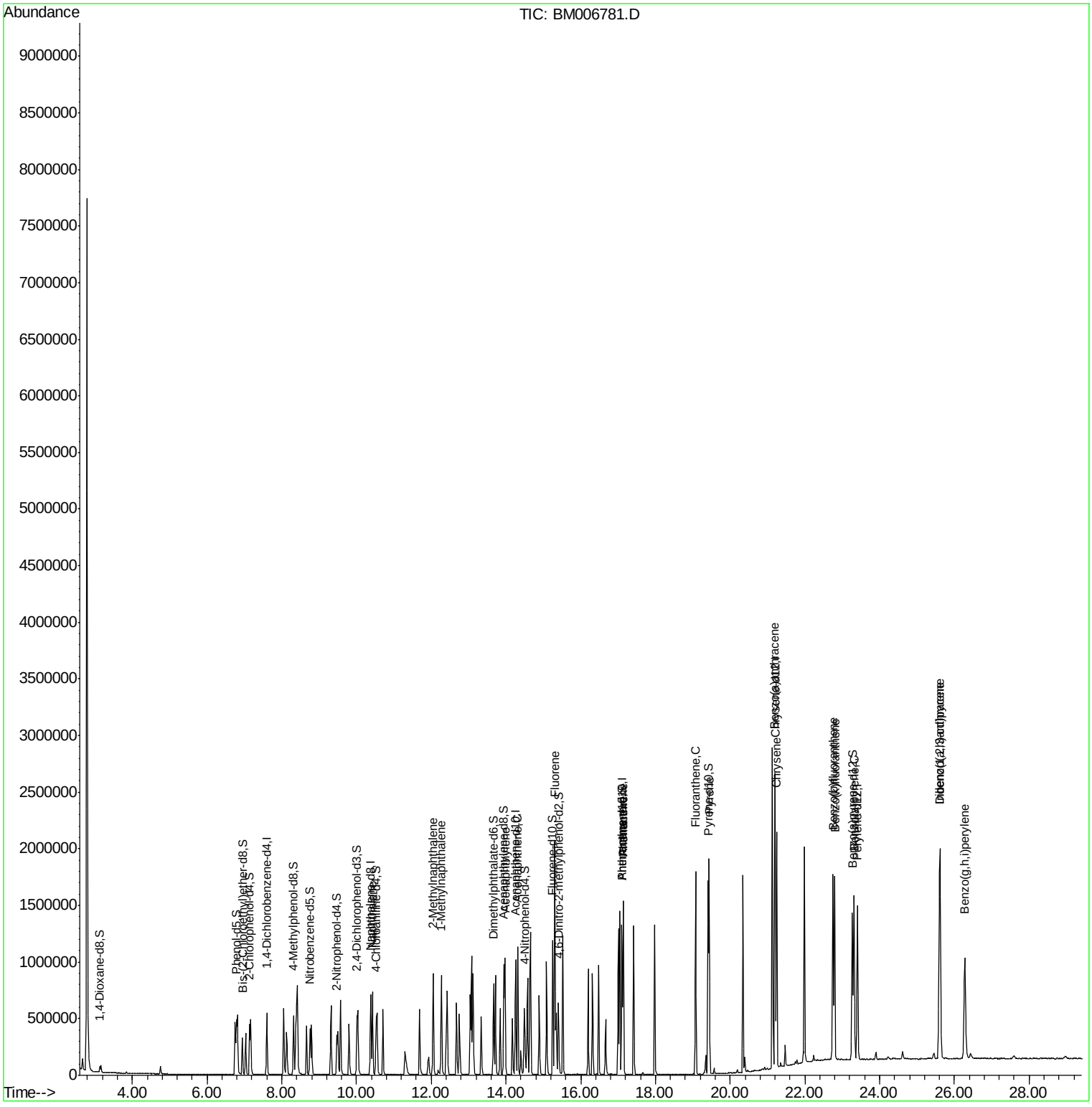
(#) = qualifier out of range (m) = manual integration (+) = signals summed

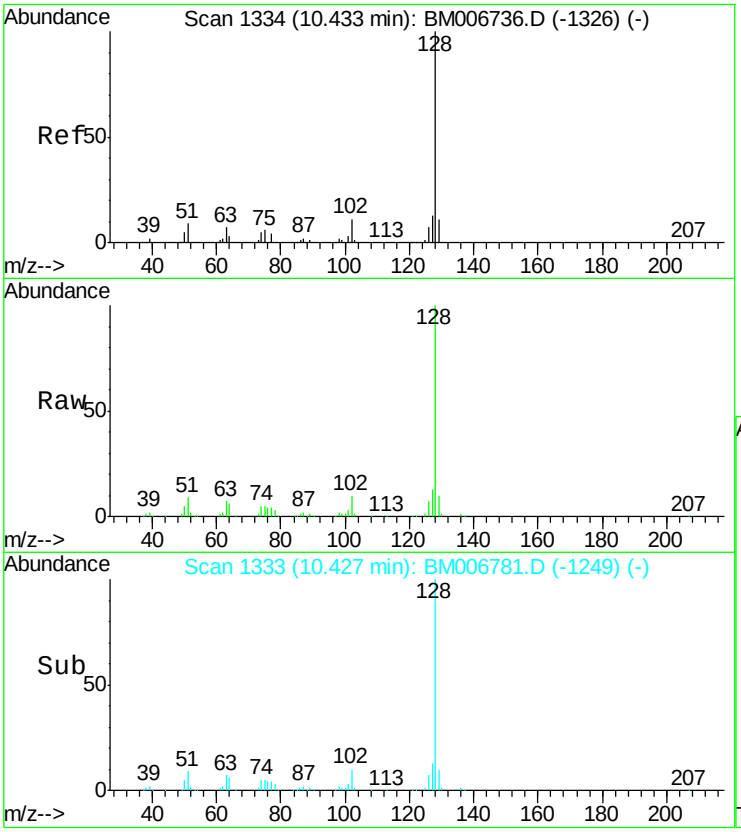
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006781.D
Acq On : 31 Jul 2016 10:04
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 06:41:15 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



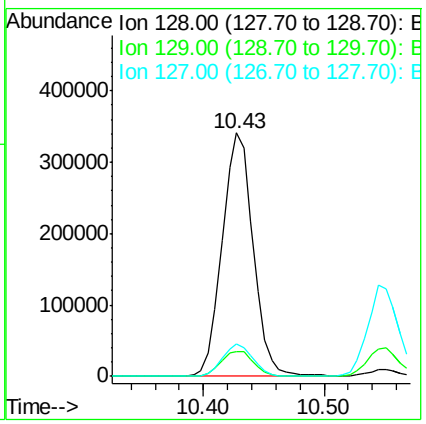


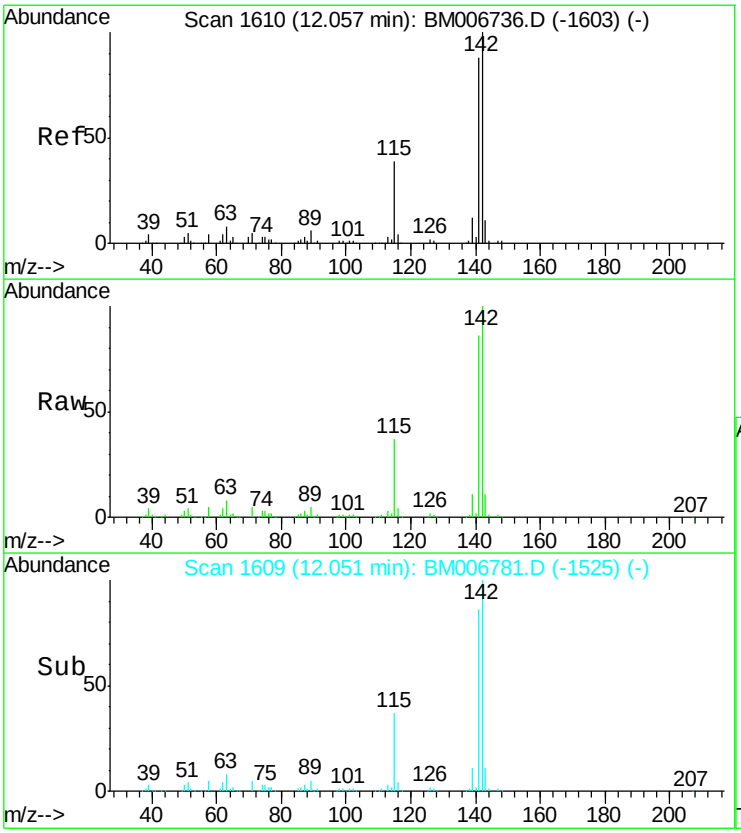
#11
Naphthalene
Concen: 19.75 ng/ul
RT: 10.43 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 607825

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.3	12.5
127	13.1	10.8	16.2

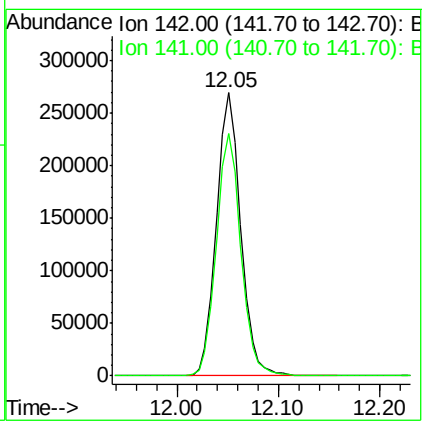


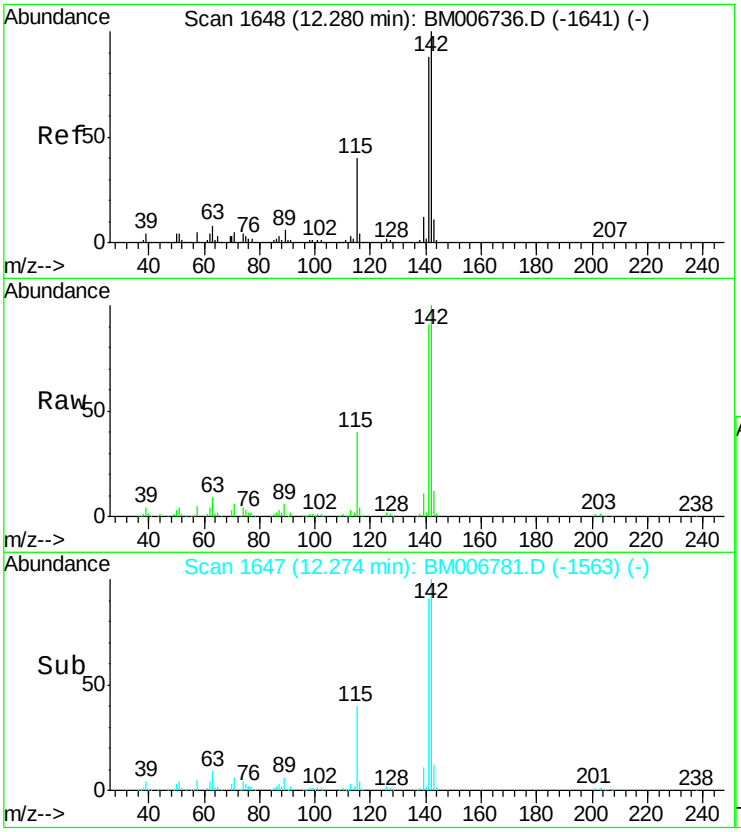


#13
2-Methylnaphthalene
Concen: 19.90 ng/ul
RT: 12.05 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Tgt Ion:142 Resp: 449247

Ion	Ratio	Lower	Upper
142	100		
141	85.9	71.3	106.9



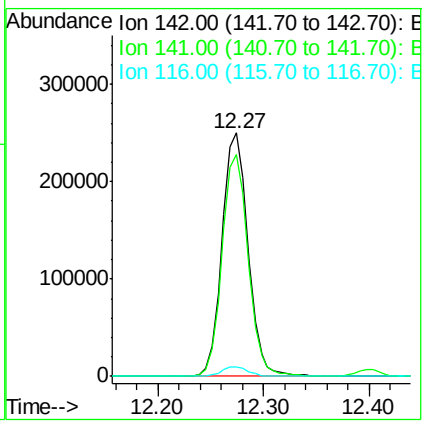


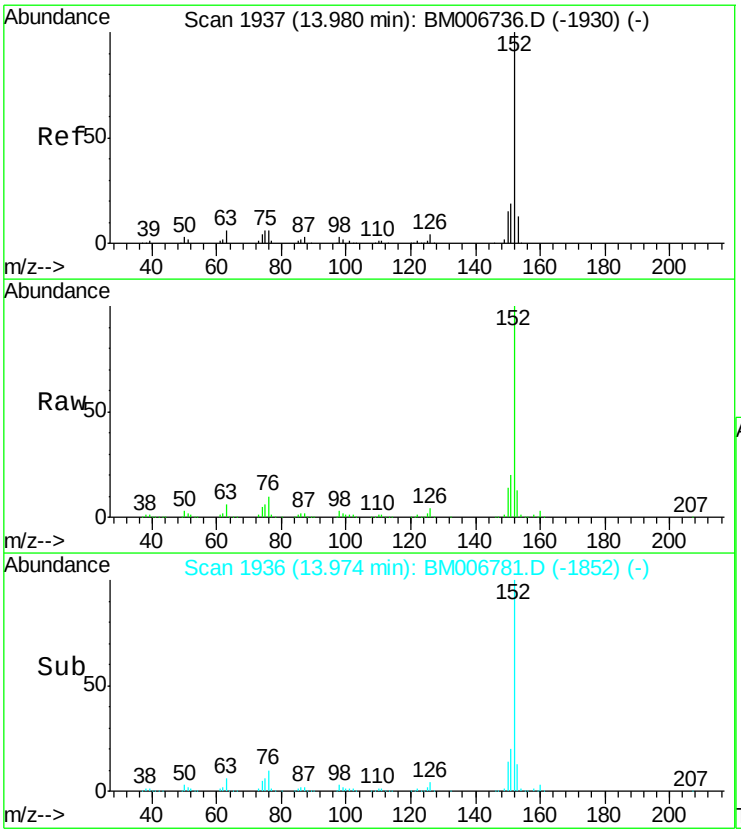
#14
1-Methylnaphthalene
Concen: 19.77 ng/ul
RT: 12.27 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 425868

Ion	Ratio	Lower	Upper
142	100		
141	91.0	77.0	115.4
116	4.0	4.2	6.4#

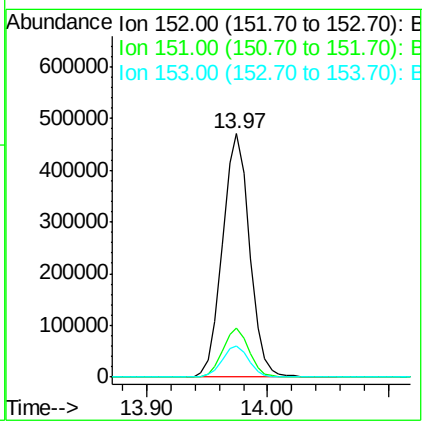


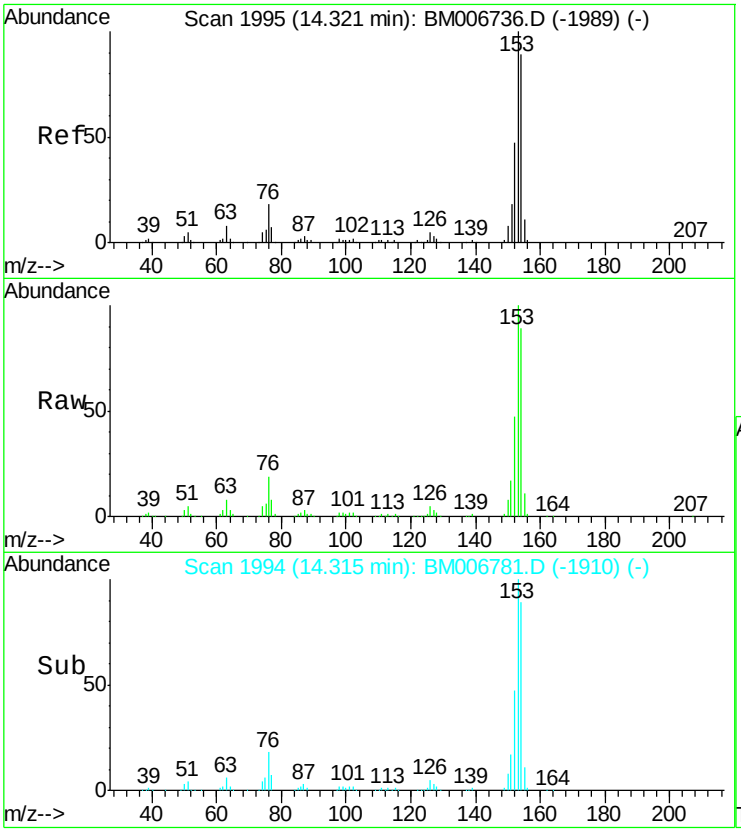


#18
Acenaphthylene
Concen: 19.78 ng/ul
RT: 13.97 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Tgt Ion:152 Resp: 729840

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.3	25.9
153	13.0	11.1	16.7



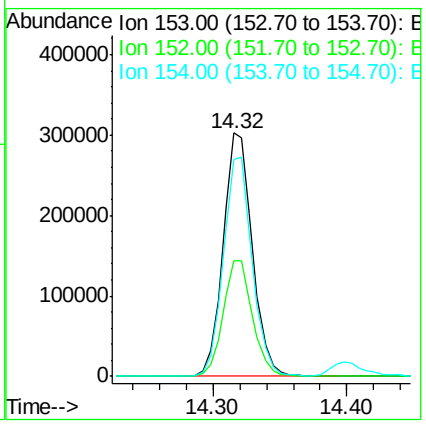


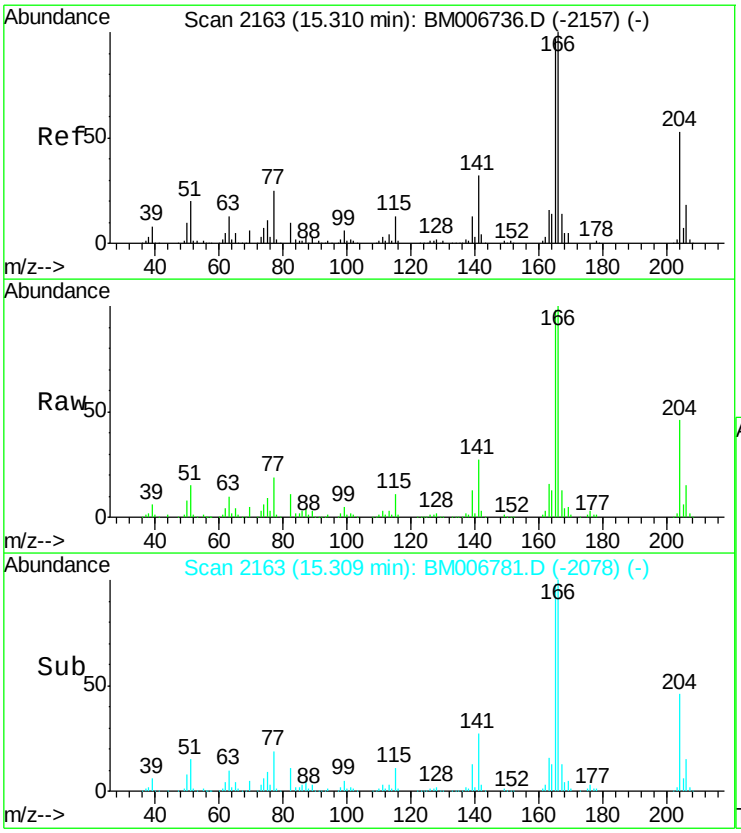
#19
Acenaphthene
Concen: 19.52 ng/ul
RT: 14.32 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 462870

Ion	Ratio	Lower	Upper
153	100		
152	47.4	36.5	54.7
154	89.0	67.3	100.9

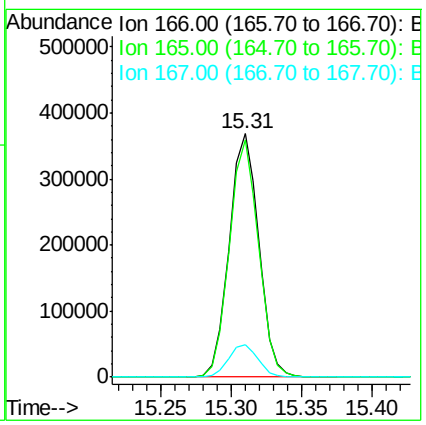


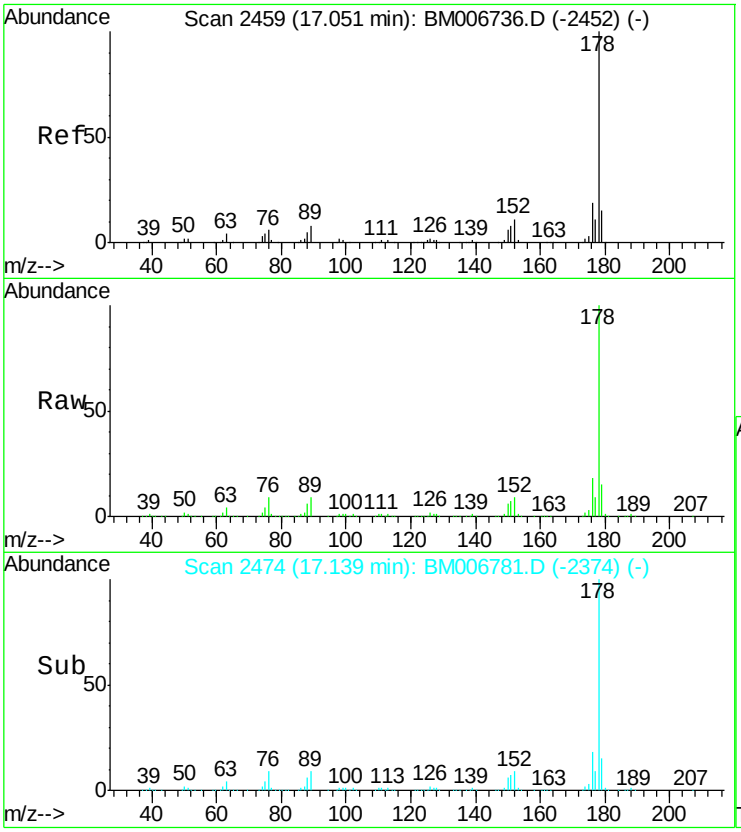


#22
Fluorene
Concen: 20.08 ng/ul
RT: 15.31 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Tgt Ion:166 Resp: 536411

Ion	Ratio	Lower	Upper
166	100		
165	97.6	81.1	121.7
167	13.4	10.6	16.0



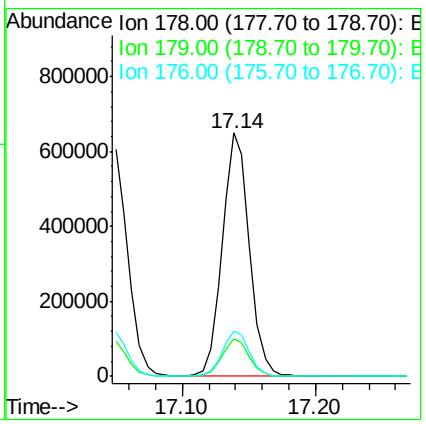


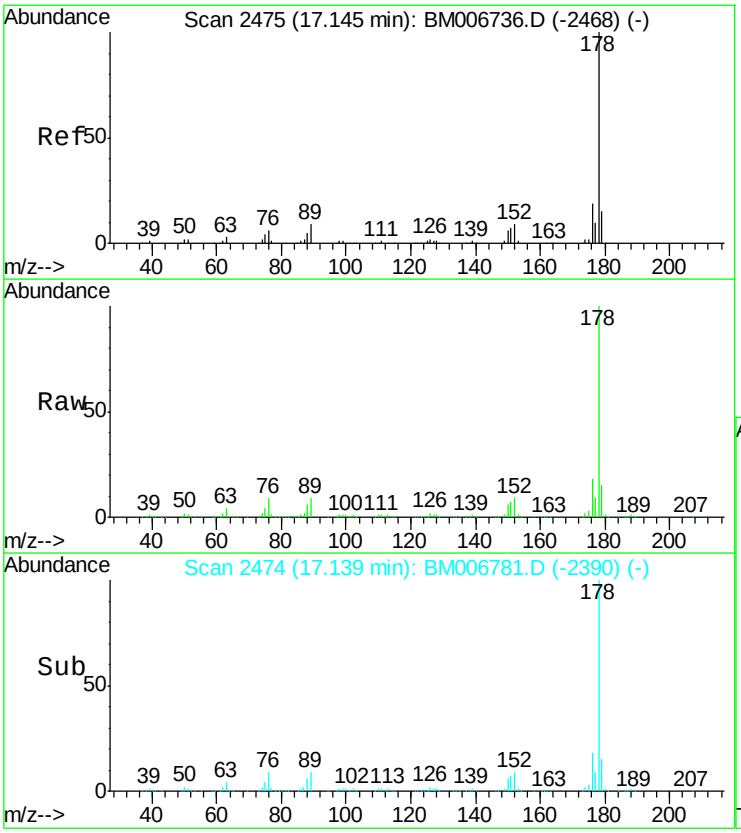
#25
Phenanthrene
Concen: 21.31 ng/ul
RT: 17.14 min Scan# 2474
Delta R.T. 0.09 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 916921

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.5	14.8	22.2

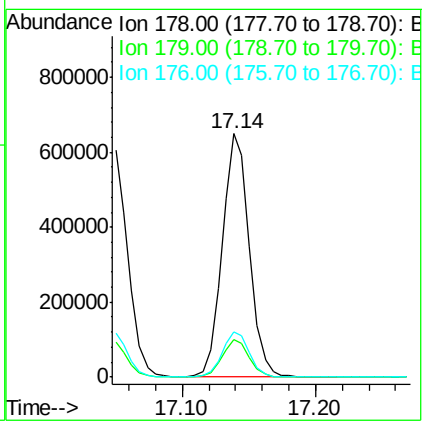


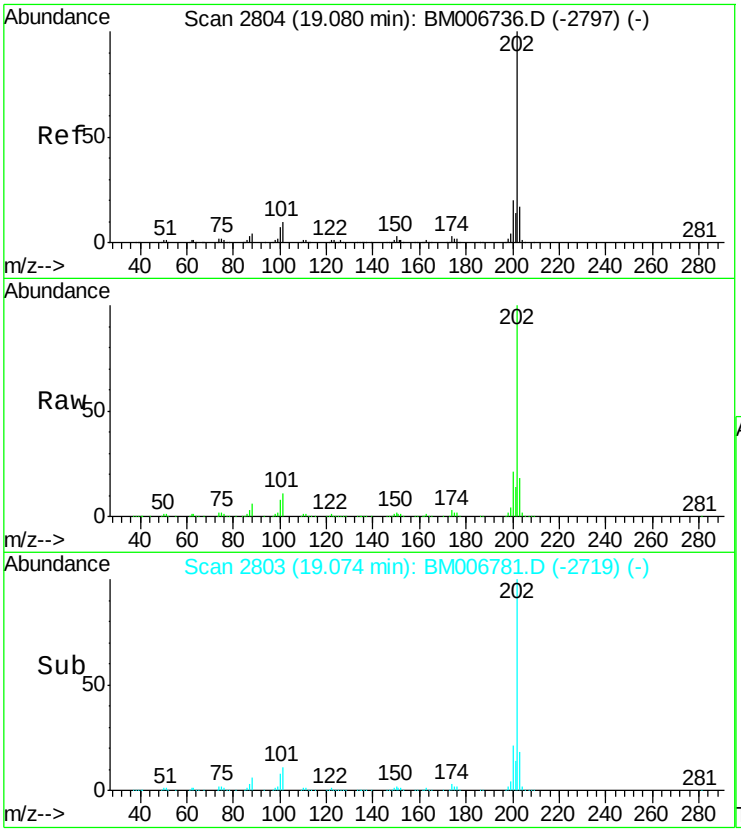


#27
Anthracene
Concen: 20.69 ng/ul
RT: 17.14 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Tgt Ion:178 Resp: 916921

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	18.5	15.6	23.4



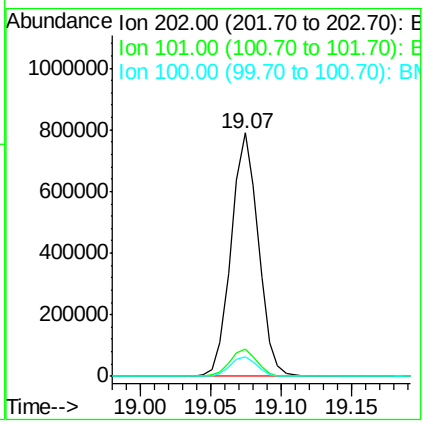


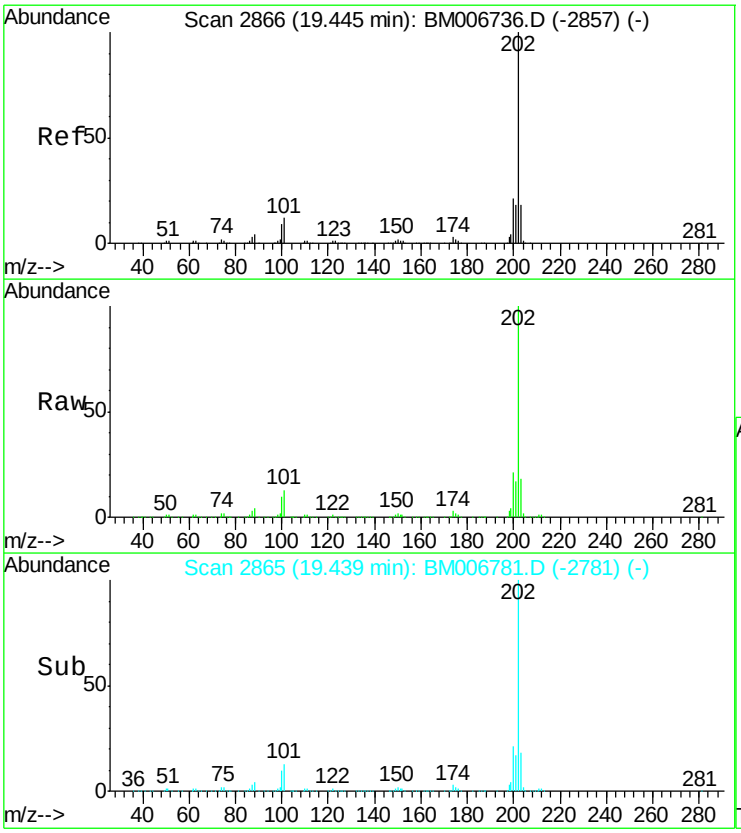
#28
Fluoranthene
Concen: 20.98 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1060949

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	8.1	7.0	10.4

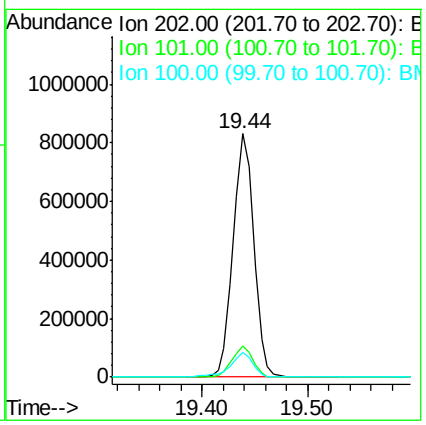


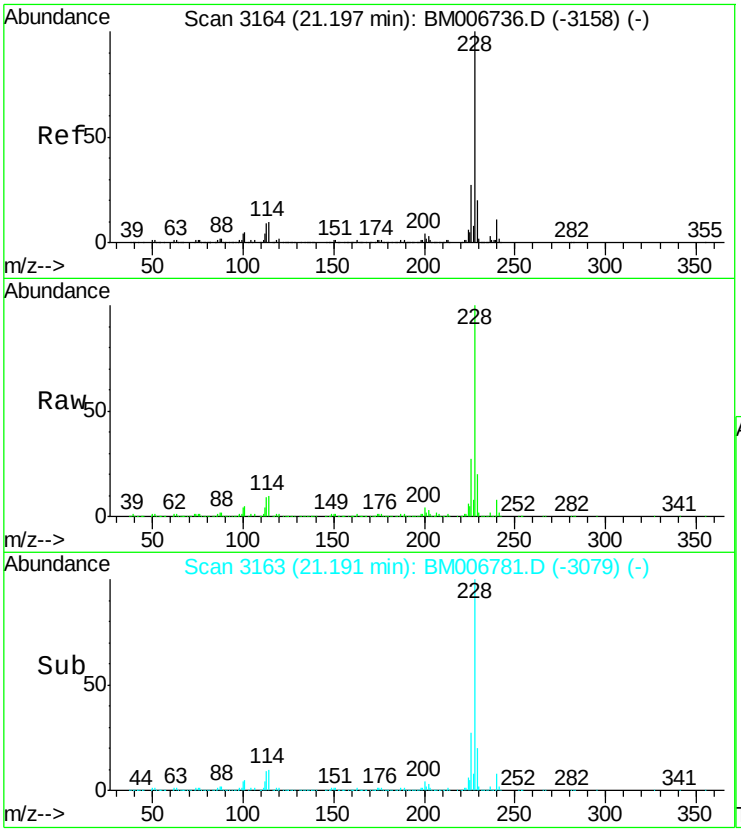


#31
Pyrene
Concen: 20.05 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Tgt Ion:202 Resp: 1123116

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	10.0	9.3	13.9



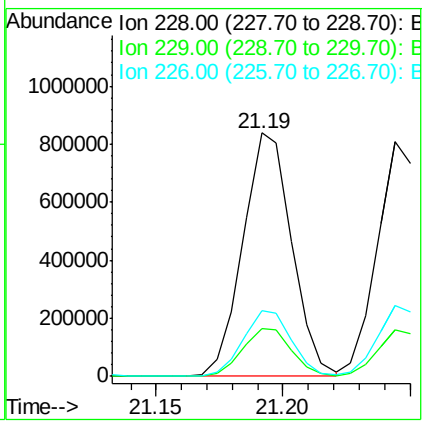


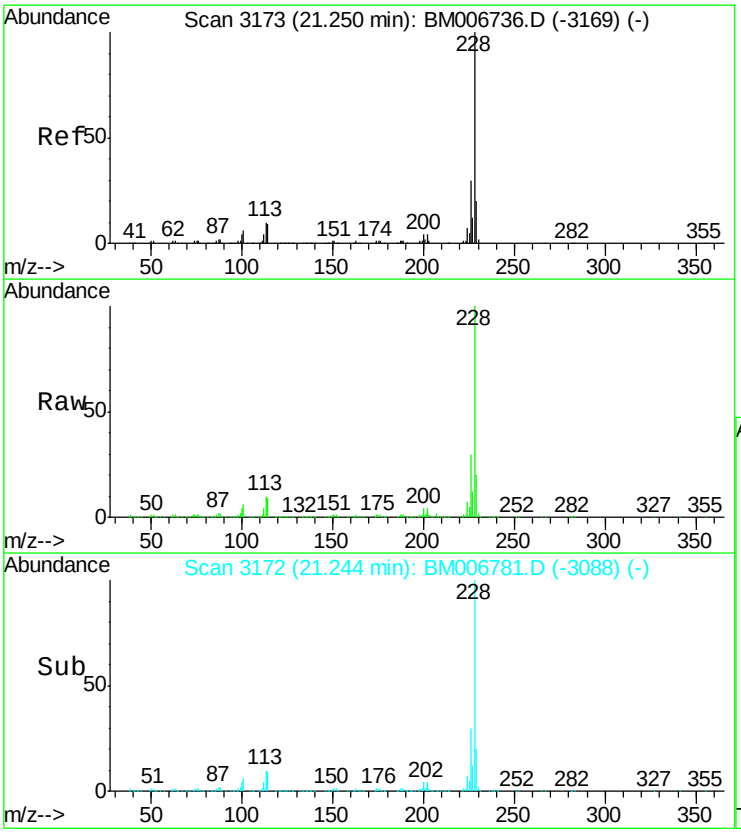
#32
Benzo(a)anthracene
Concen: 20.00 ng/ul
RT: 21.19 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1121453

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.6	25.0
226	27.0	21.0	31.4

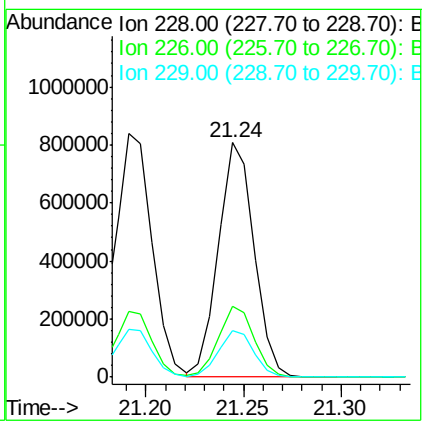


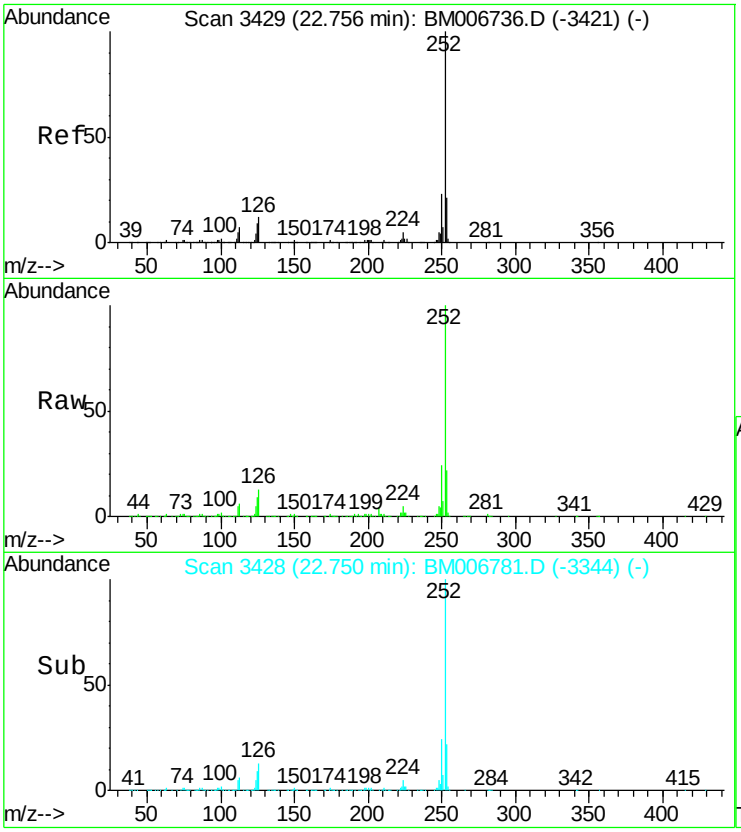


#33
Chrysene
Concen: 19.81 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Tgt Ion:228 Resp: 1024241

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	19.7	16.2	24.2



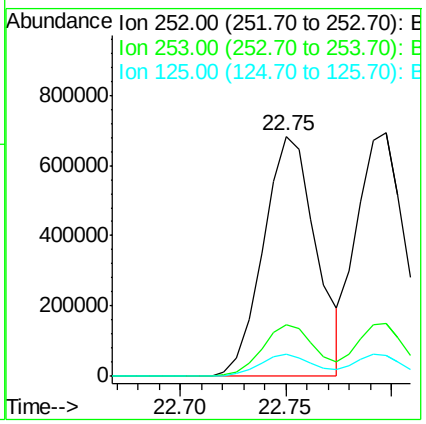


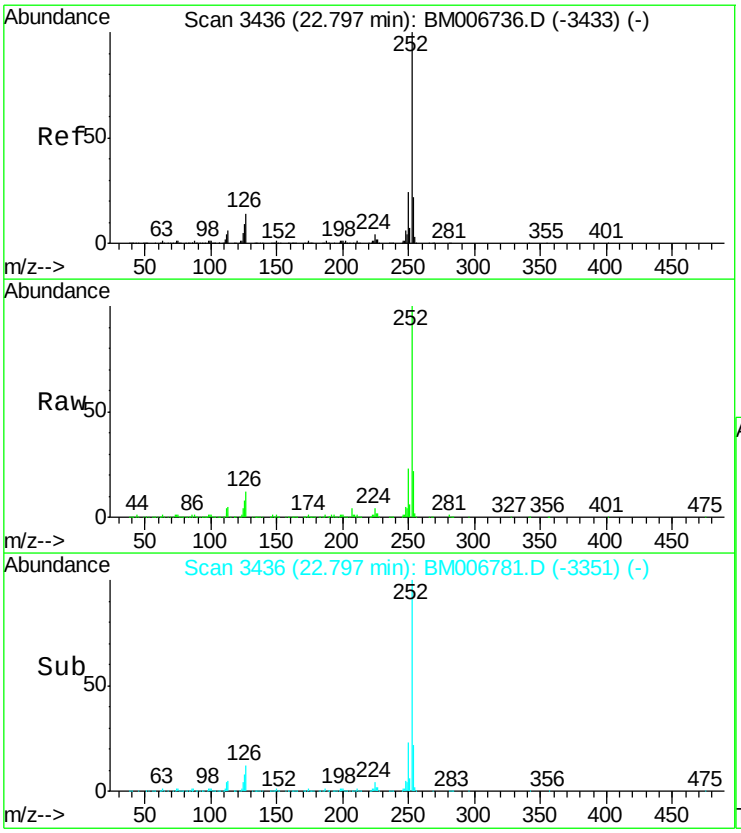
#35
Benzo(b)fluoranthene
Concen: 20.70 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1186996

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.0	7.6	11.4

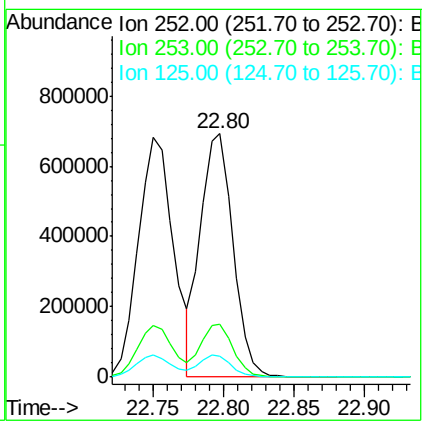


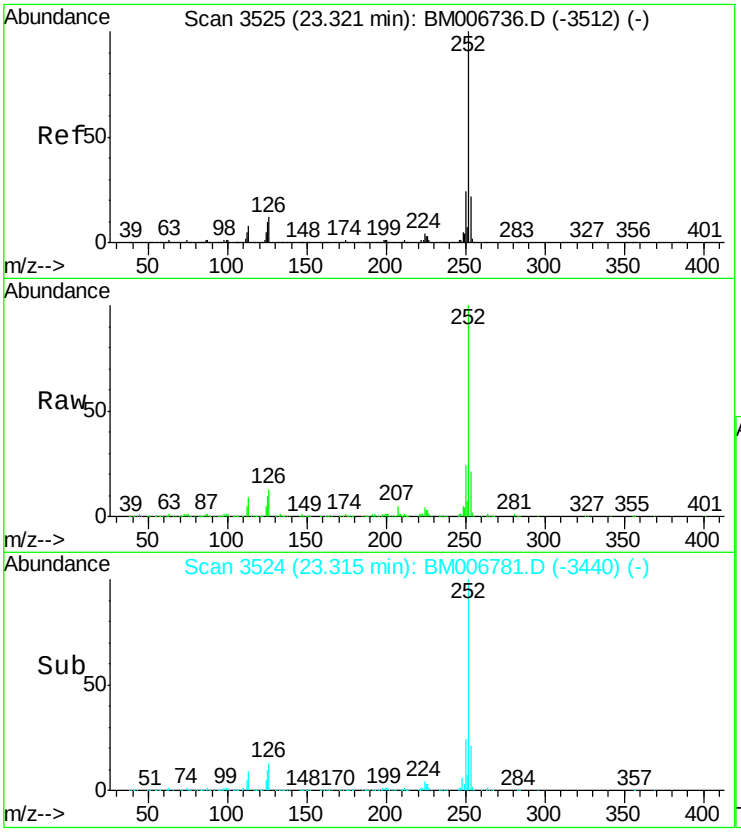


#36
Benzo(k)fluoranthene
Concen: 19.91 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Tgt Ion:252 Resp: 1103935

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.3	7.7	11.5



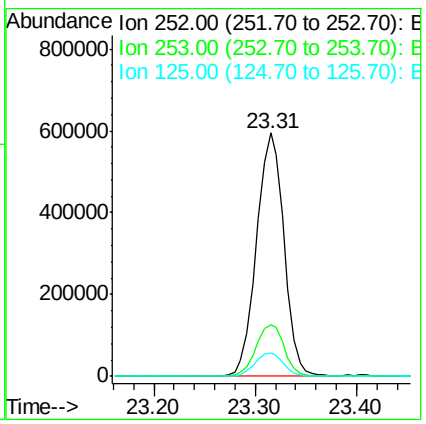


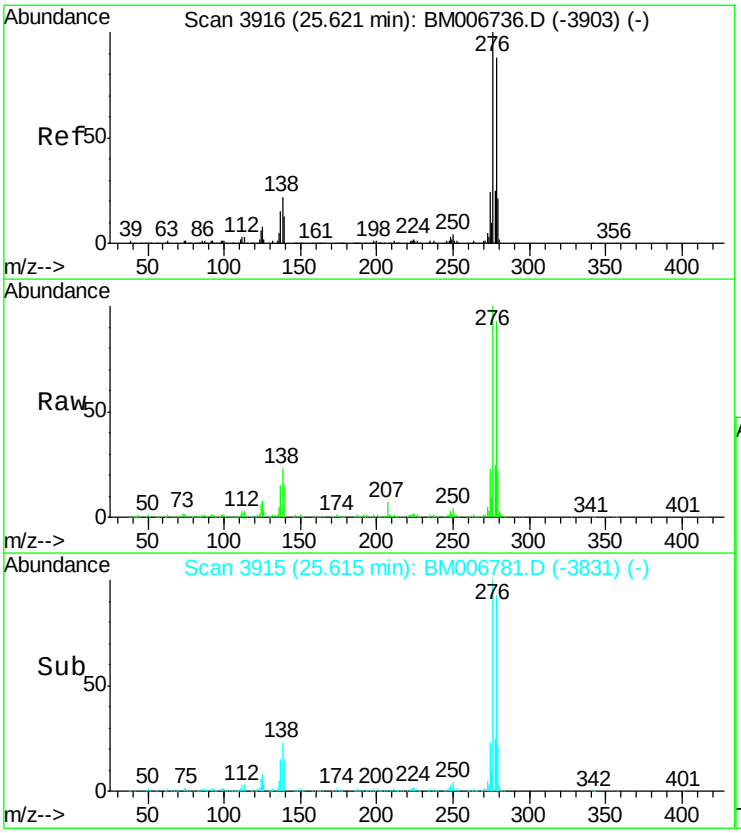
#38
Benzo(a)pyrene
Concen: 20.21 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1127491

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	9.7	8.2	12.2

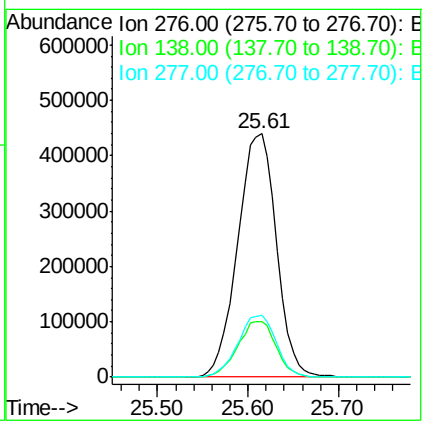


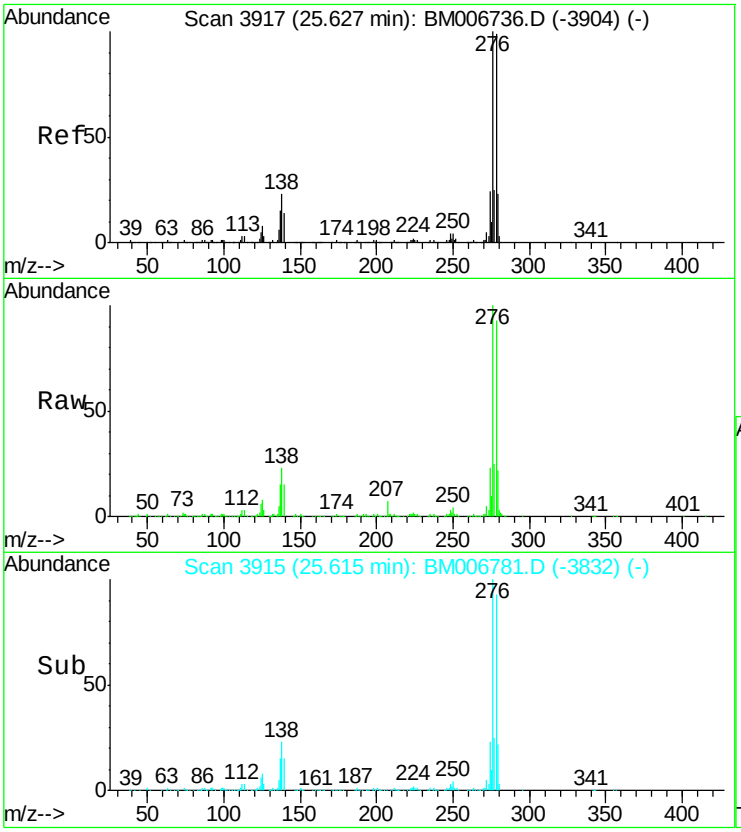


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.19 ng/ul
RT: 25.61 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Tgt Ion:276 Resp: 1304870

Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.8	23.6
277	25.2	19.0	28.6



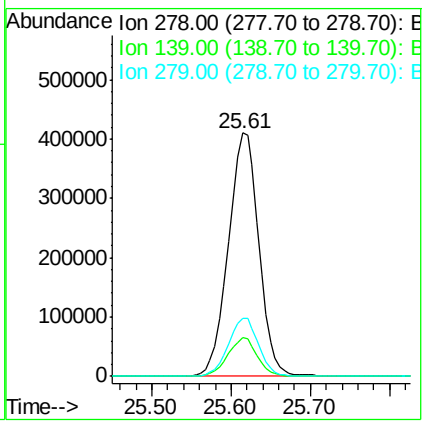


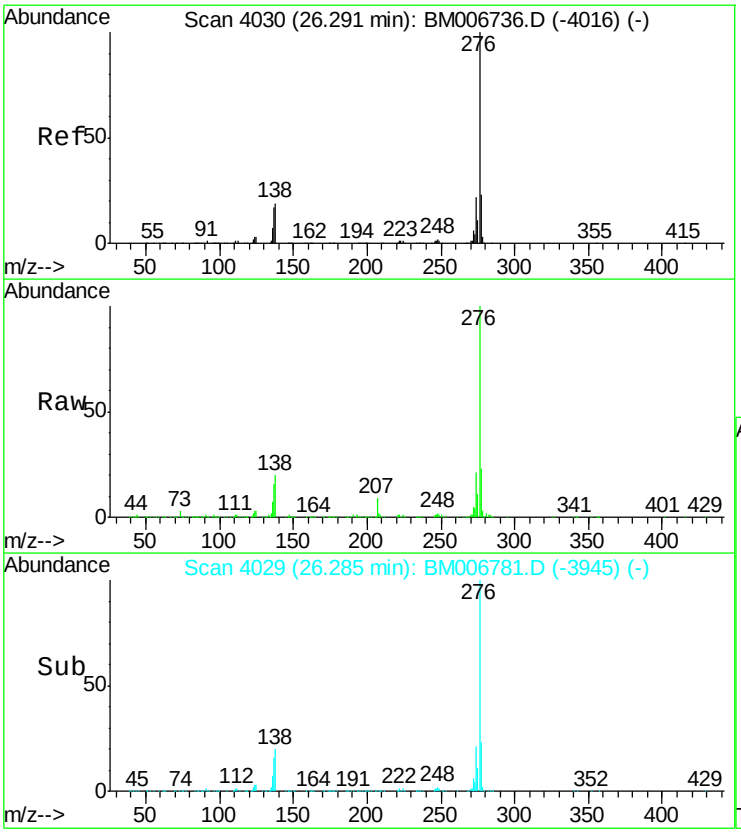
#40
Dibenzo(a,h)anthracene
Concen: 20.42 ng/ul
RT: 25.61 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1093597

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.1	18.1
279	23.9	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 19.97 ng/ul
RT: 26.29 min Scan# 4029
Delta R.T. -0.01 min
Lab File: BM006781.D
Acq: 31 Jul 2016 10:04

Tgt Ion:276 Resp: 1105941

Ion	Ratio	Lower	Upper
276	100		
138	19.7	13.9	20.9
277	23.3	19.8	29.6