Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006779.D
Acq On : 30 Jul 2016 19:14
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 04:26:20 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	140220	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	592988	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	332181	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	735201	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	832843	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	865966	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	28182	8.13	ng/uL	0.00
3) Phenol-d5	6.79	99	246383	20.65	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	154154	20.86	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	191149	20.05	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	188434	20.37	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	89847	20.02	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	97141	20.35	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	181783	20.15	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	219698	22.12	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	516444	19.83	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	671641	20.20	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	87731	19.39	ng/ul	0.00
21) Fluorene-d10	15.26	176	461805	19.83	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	78629	20.60	ng/ul	0.00
26) Anthracene-d10	17.11	188	701406	20.09	ng/ul	0.00
30) Pyrene-d10	19.41	212	774332	20.40	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	802571	20.15	ng/ul	-0.01
Target Compounds						Qvalue
11) Naphthalene	10.43	128	604021	19.76	ng/ul	99
13) 2-Methylnaphthalene	12.05	142	441545	19.68	ng/ul	99
14) 1-Methylnaphthalene	12.27	142	418593	19.56	ng/ul	94
18) Acenaphthylene	13.97	152	700427	19.67	ng/ul	97
19) Acenaphthene	14.32	153	446997	19.54	ng/ul	95
22) Fluorene	15.31	166	517002	20.05	ng/ul	95
25) Phenanthrene	17.05	178	821197	19.86	ng/ul	99
27) Anthracene	17.14	178	851688	20.00	ng/ul	98
28) Fluoranthene	19.07	202	964531	19.86	ng/ul	98
31) Pyrene	19.44	202	1011979	20.07	ng/ul	98
32) Benzo(a)anthracene	21.19	228	1015446	20.12	ng/ul	98
33) Chrysene	21.24	228	922192	19.82	ng/ul	100
35) Benzo(b)fluoranthene	22.75	252	1069116	20.60	ng/ul	98
36) Benzo(k)fluoranthene	22.79	252	974421	19.41	ng/ul	98
38) Benzo(a)pyrene	23.32	252	1015344	20.10	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.62	276	1176828	20.11	ng/ul	96
40) Dibenzo(a,h)anthracene	25.62	278	979930	20.20	ng/ul	98
41) Benzo(g,h,i)perylene	26.29	276	1001741	19.97	ng/ul	96

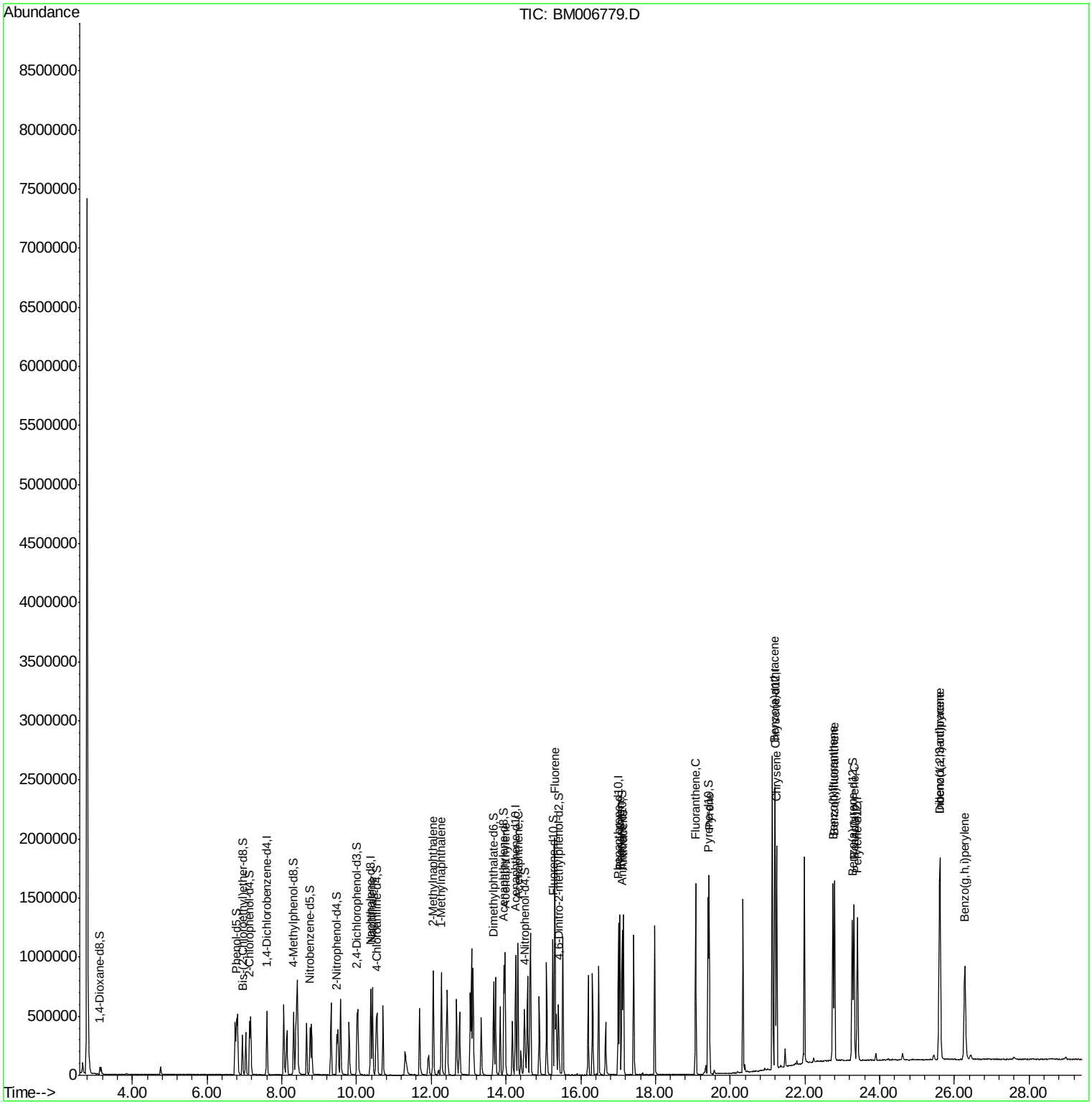
(#) = qualifier out of range (m) = manual integration (+) = signals summed

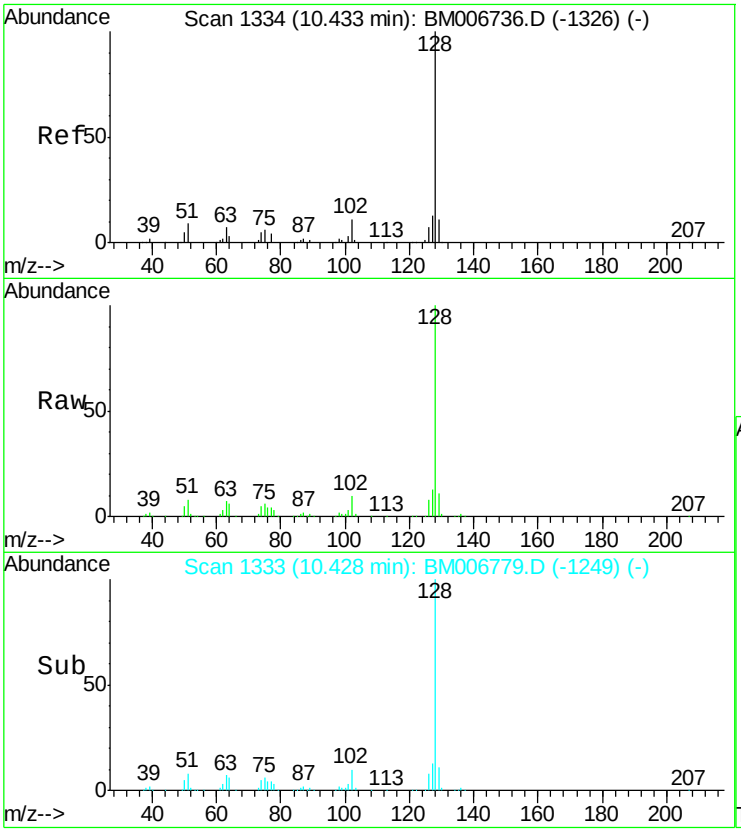
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006779.D
Acq On : 30 Jul 2016 19:14
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 04:26:20 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



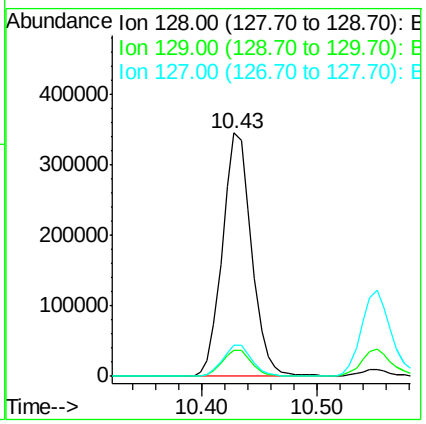


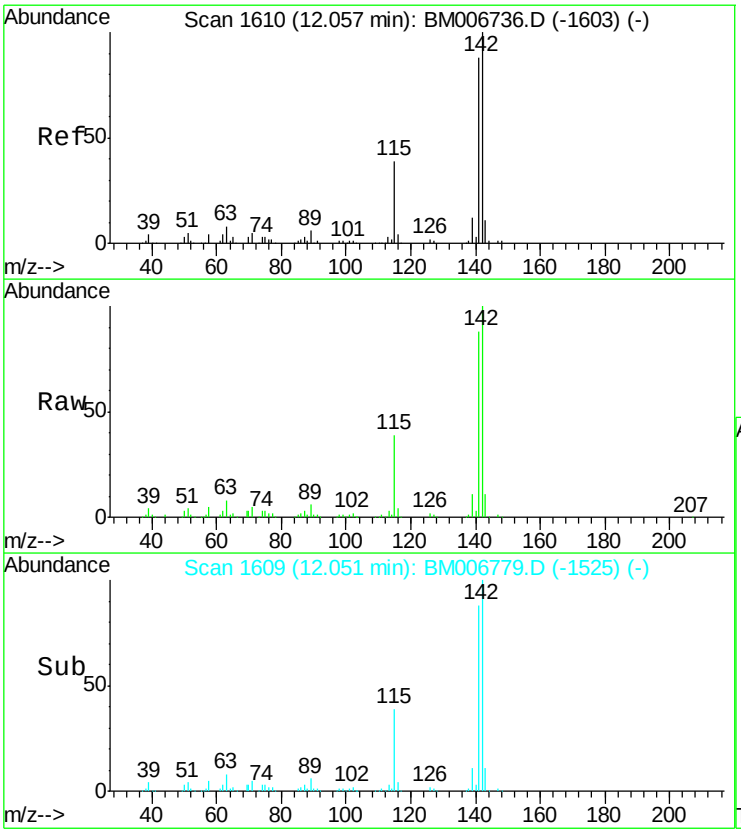
#11
Naphthalene
Concen: 19.76 ng/ul
RT: 10.43 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 604021

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	12.7	10.8	16.2

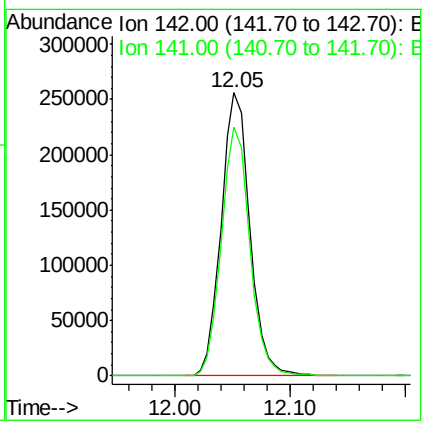


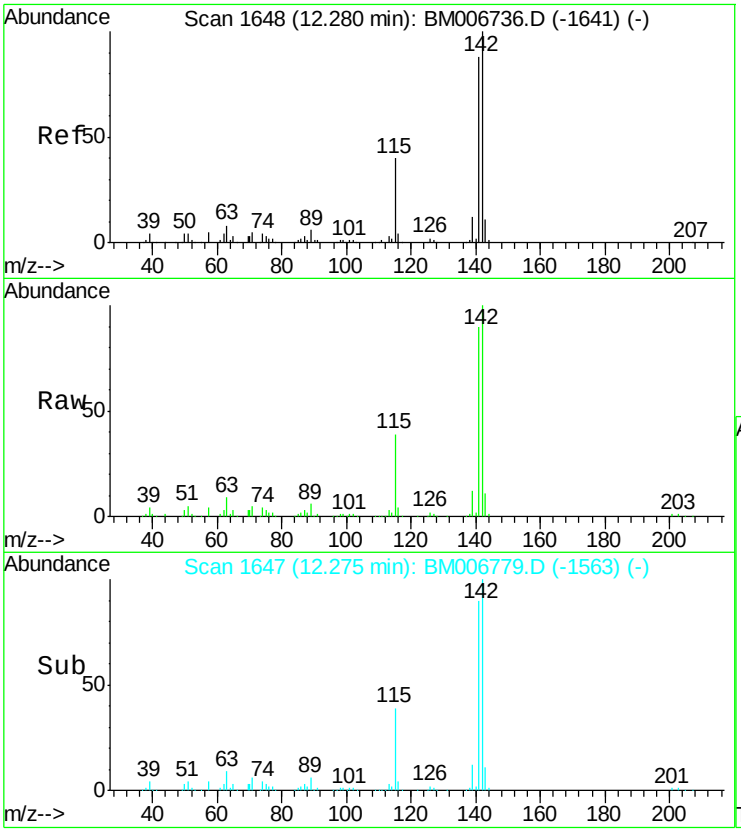


#13
2-Methylnaphthalene
Concen: 19.68 ng/ul
RT: 12.05 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Tgt Ion:142 Resp: 441545

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.3	106.9



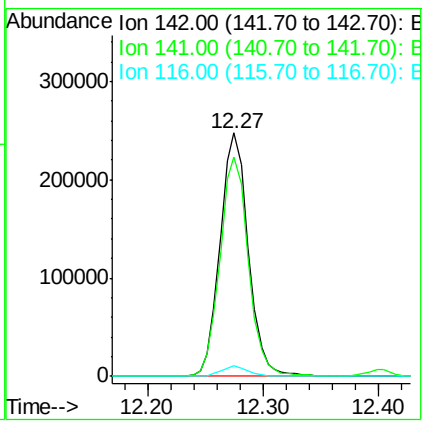


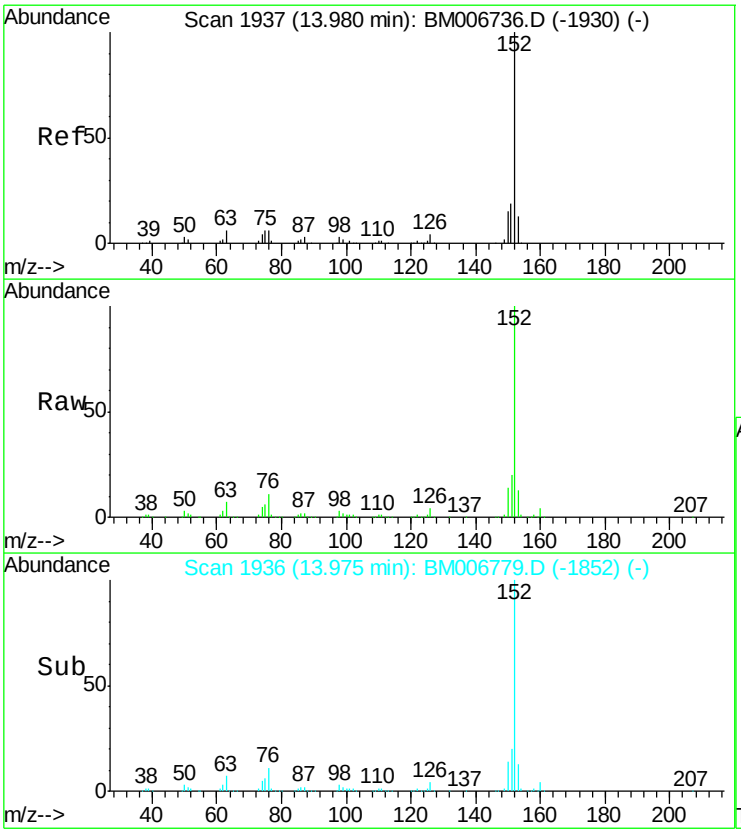
#14
1-Methylnaphthalene
Concen: 19.56 ng/ul
RT: 12.27 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 418593

Ion	Ratio	Lower	Upper
142	100		
141	90.2	77.0	115.4
116	4.4	4.2	6.4

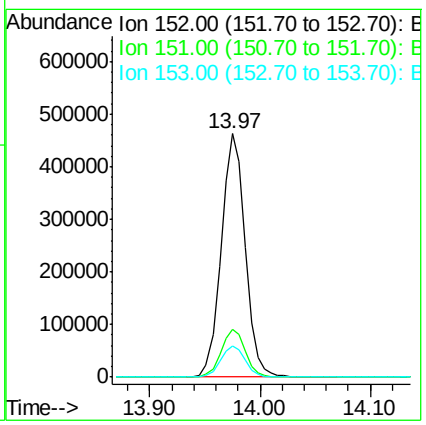


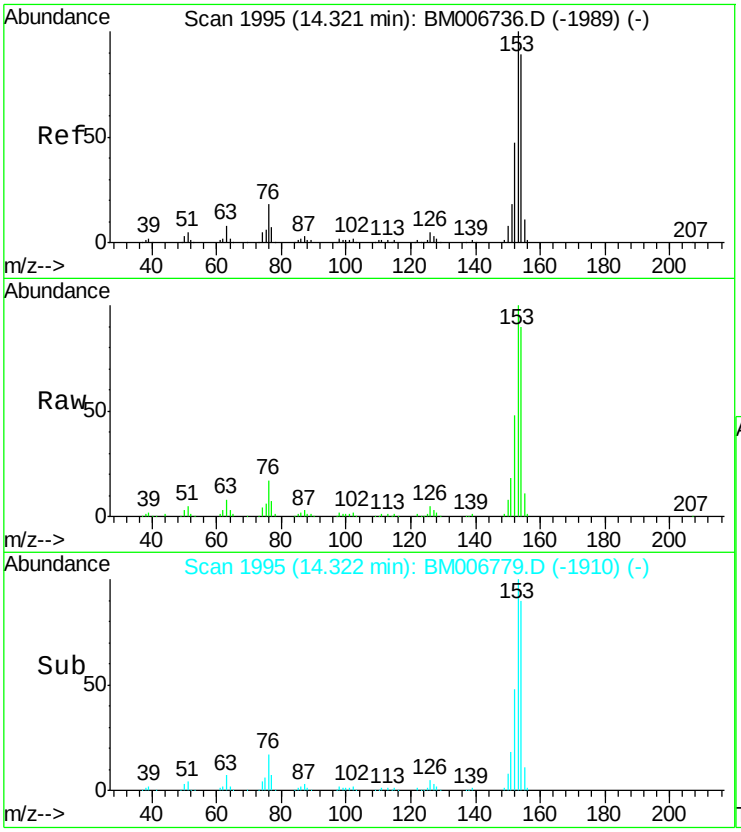


#18
Acenaphthylene
Concen: 19.67 ng/ul
RT: 13.97 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Tgt Ion:152 Resp: 700427

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



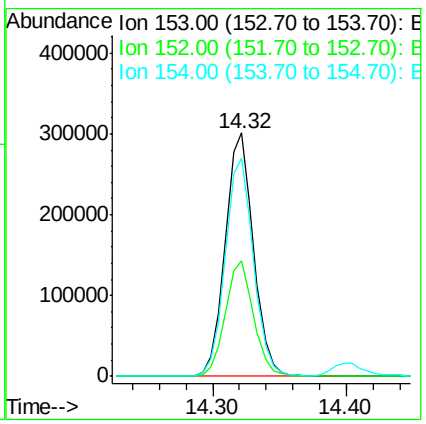


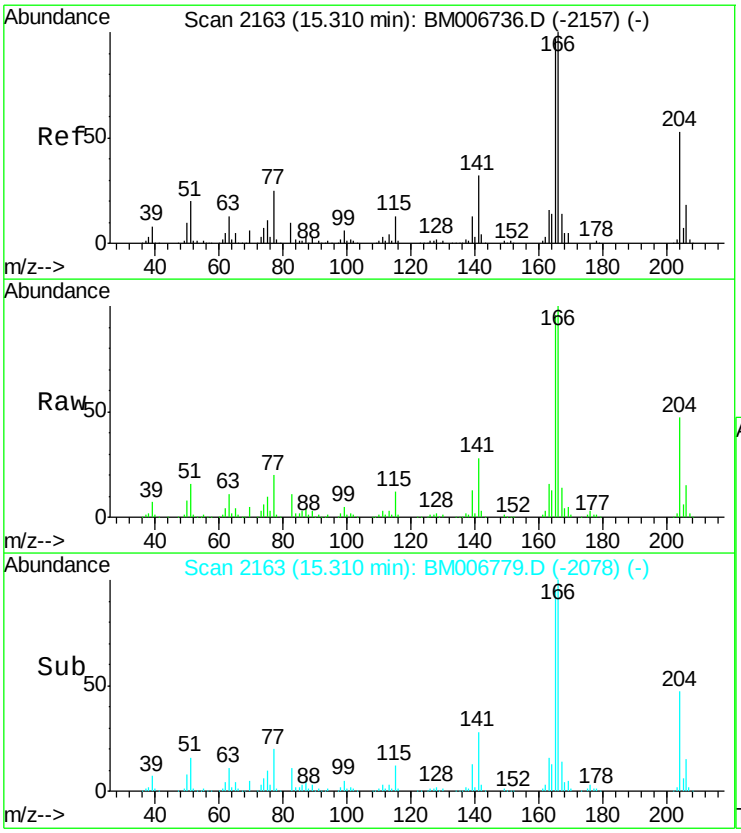
#19
Acenaphthene
Concen: 19.54 ng/ul
RT: 14.32 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 446997

Ion	Ratio	Lower	Upper
153	100		
152	47.7	36.5	54.7
154	89.5	67.3	100.9

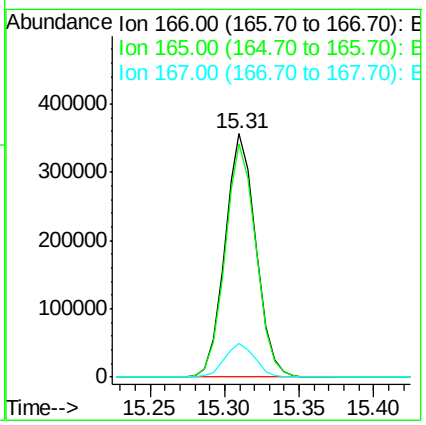


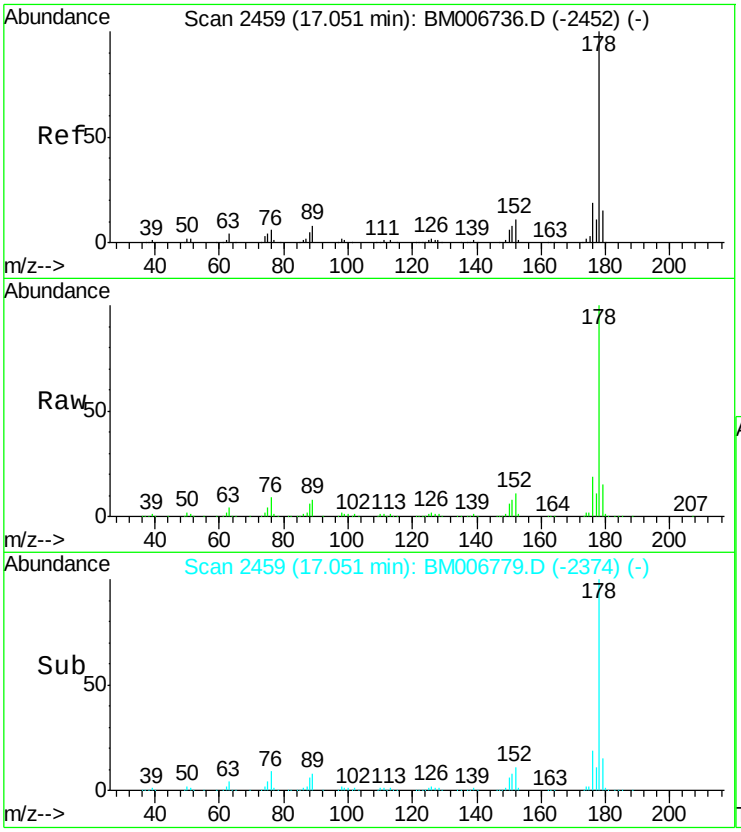


#22
Fluorene
Concen: 20.05 ng/ul
RT: 15.31 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Tgt Ion:166 Resp: 517002

Ion	Ratio	Lower	Upper
166	100		
165	95.9	81.1	121.7
167	13.8	10.6	16.0



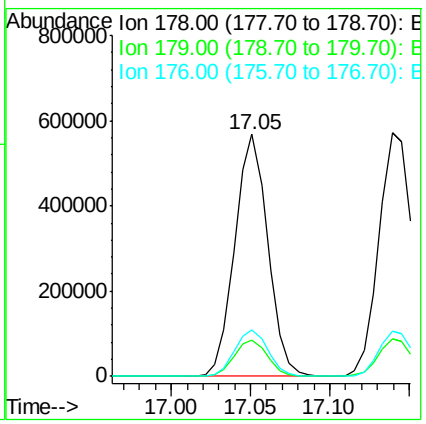


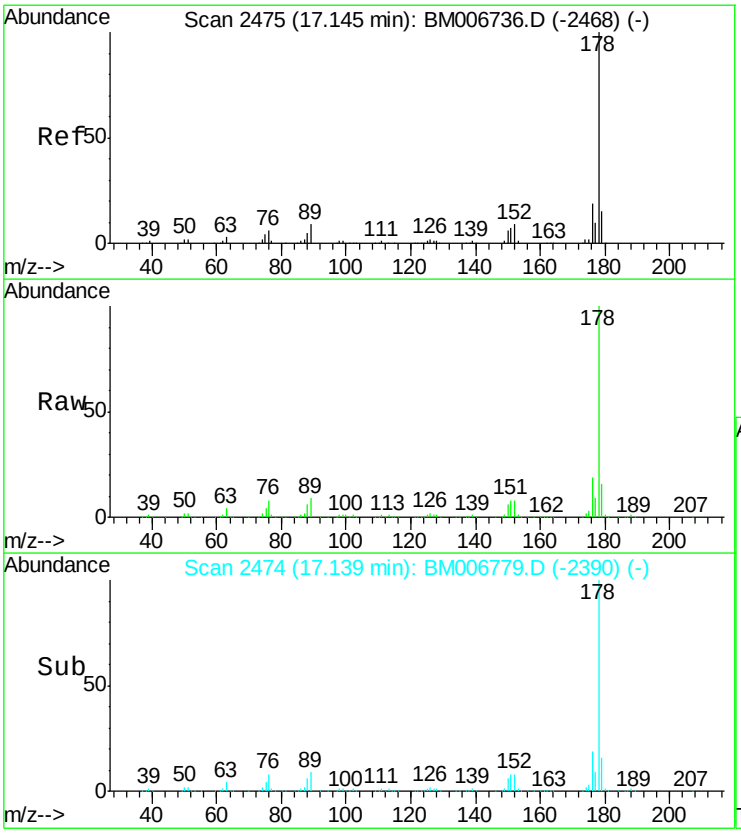
#25
Phenanthrene
Concen: 19.86 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 821197

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	19.5	14.8	22.2

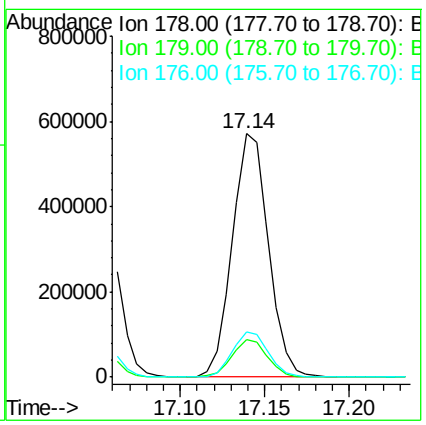


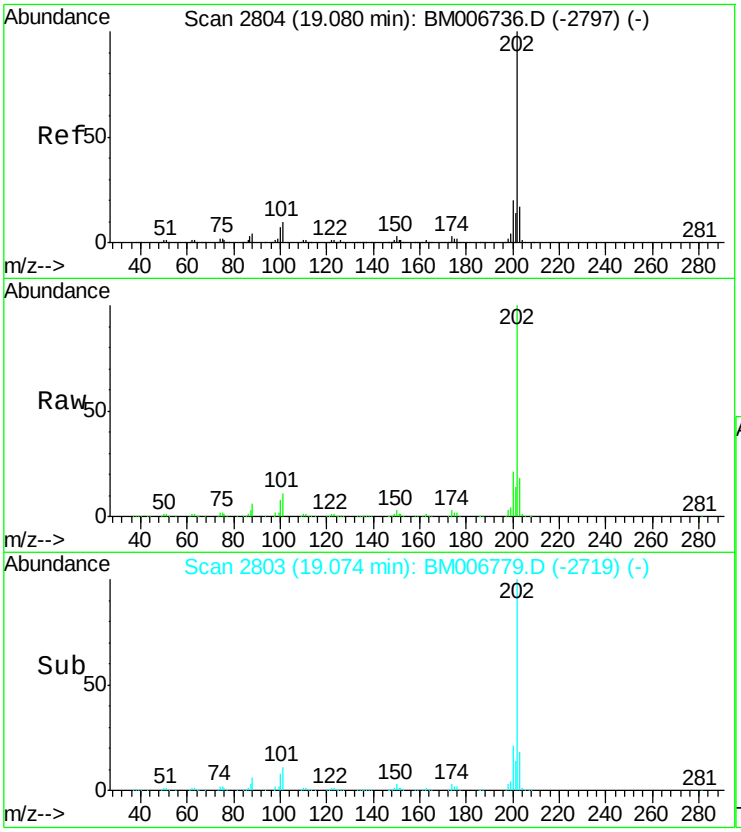


#27
Anthracene
Concen: 20.00 ng/ul
RT: 17.14 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Tgt Ion:178 Resp: 851688

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.7	15.6	23.4



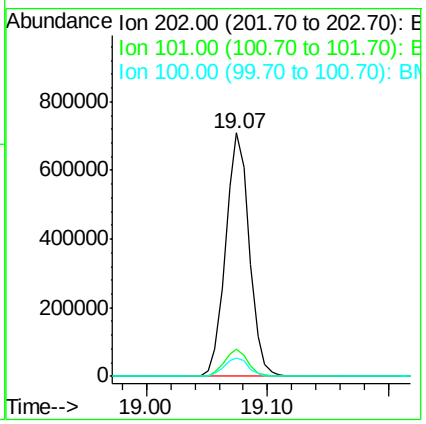


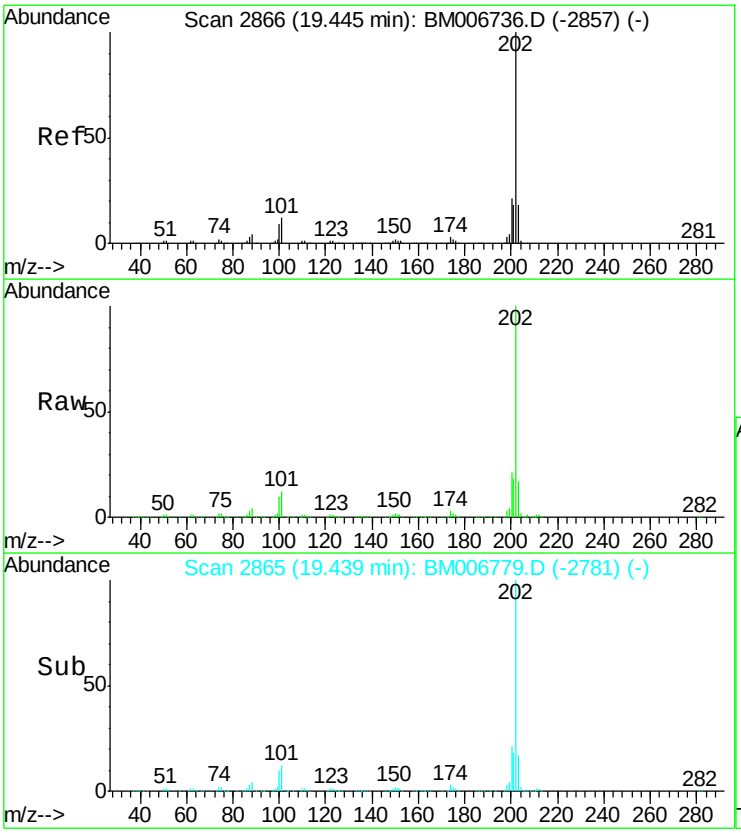
#28
Fluoranthene
Concen: 19.86 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 964531

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
100	7.8	7.0	10.4

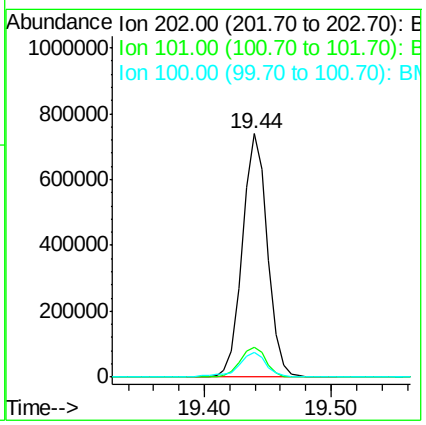


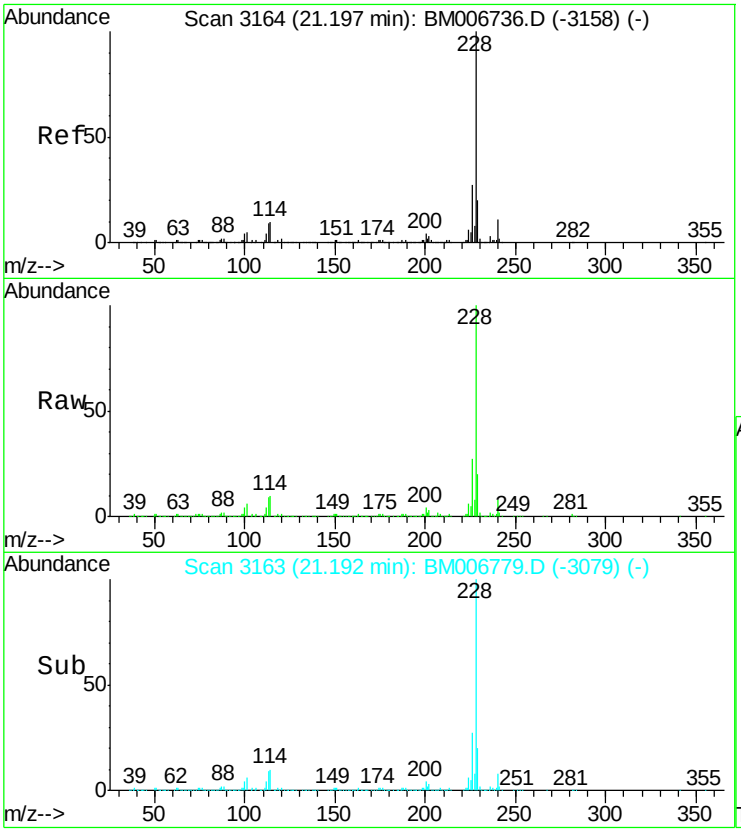


#31
Pyrene
Concen: 20.07 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Tgt Ion:202 Resp: 1011979

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	10.0	9.3	13.9



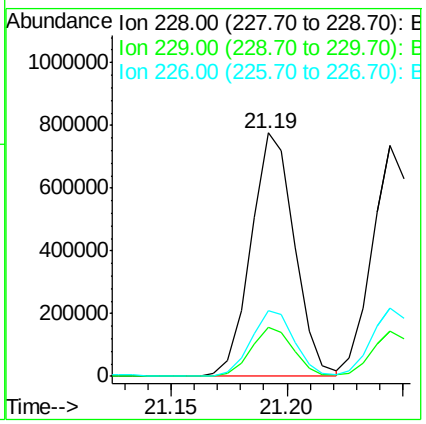


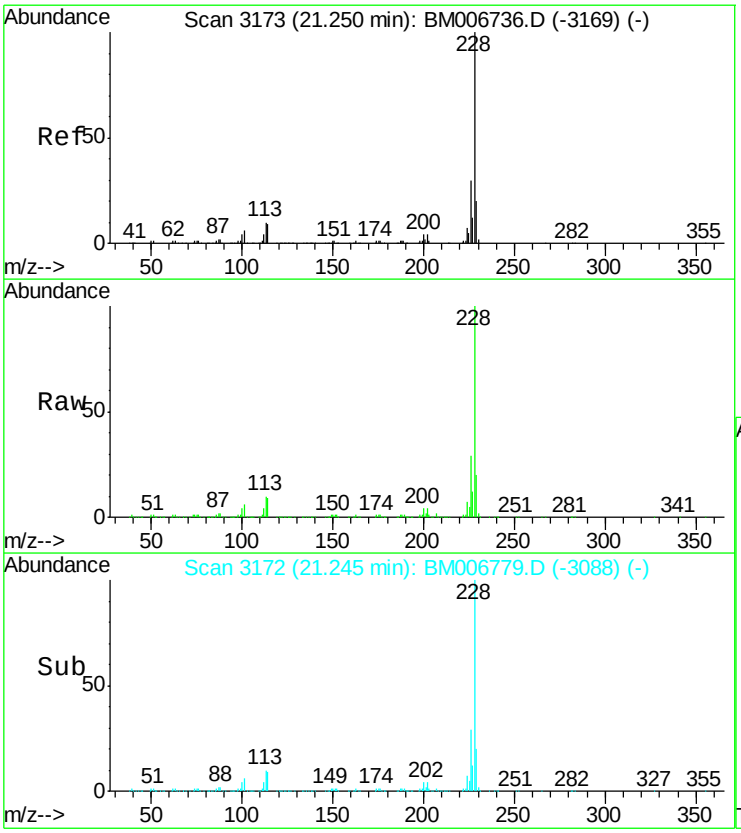
#32
Benzo(a)anthracene
Concen: 20.12 ng/ul
RT: 21.19 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1015446

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.6	25.0
226	27.0	21.0	31.4

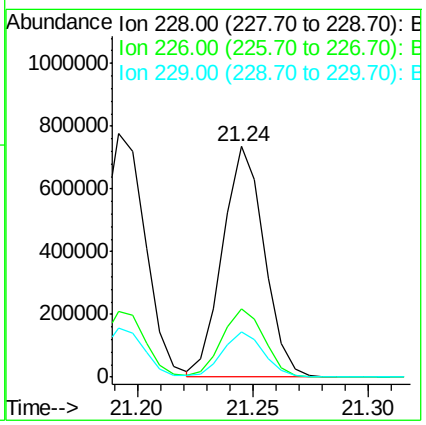


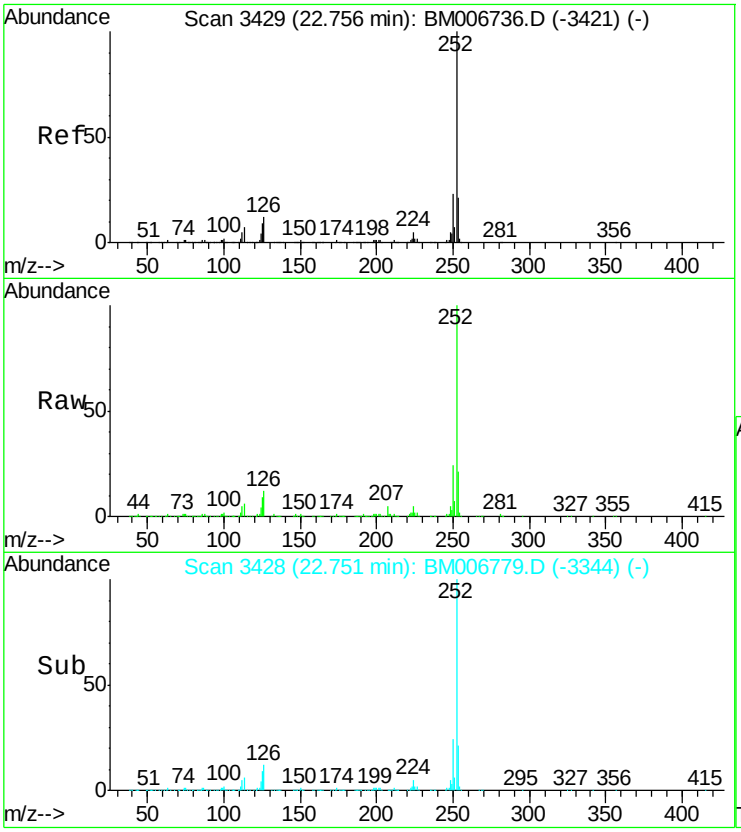


#33
Chrysene
Concen: 19.82 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Tgt Ion:228 Resp: 922192

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	19.9	16.2	24.2



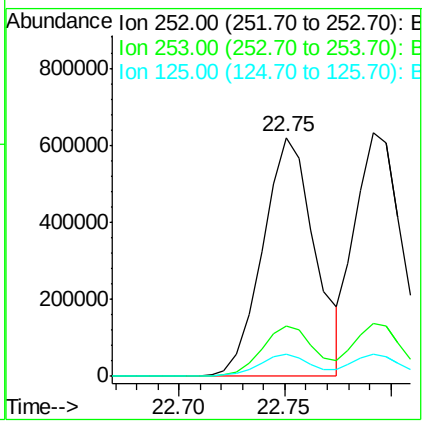


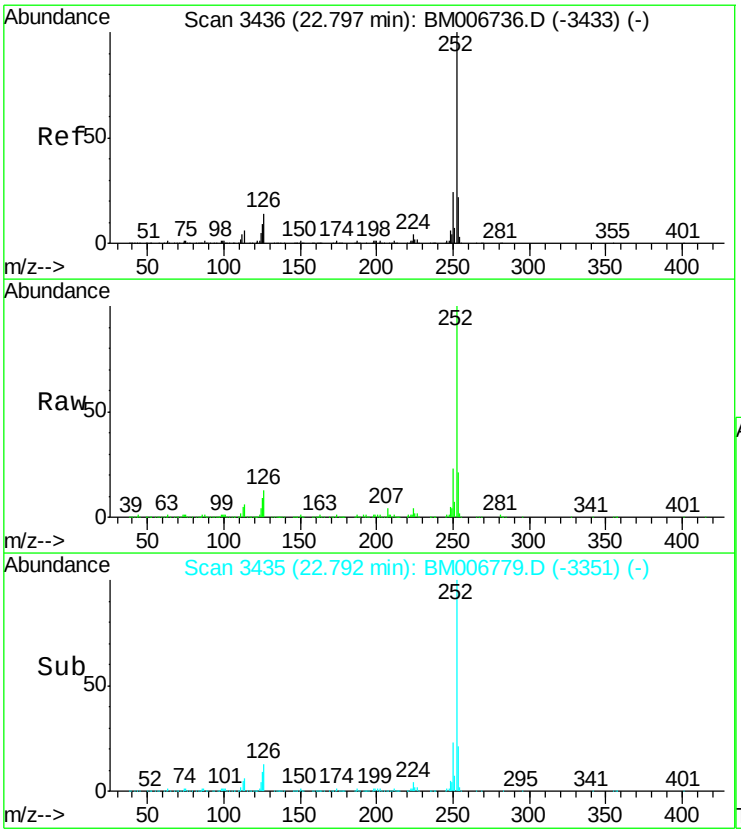
#35
Benzo(b)fluoranthene
Concen: 20.60 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1069116

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	9.2	7.6	11.4

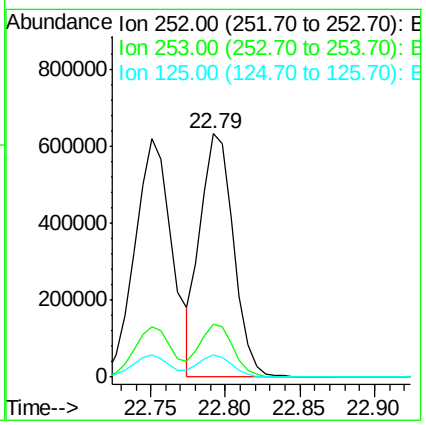


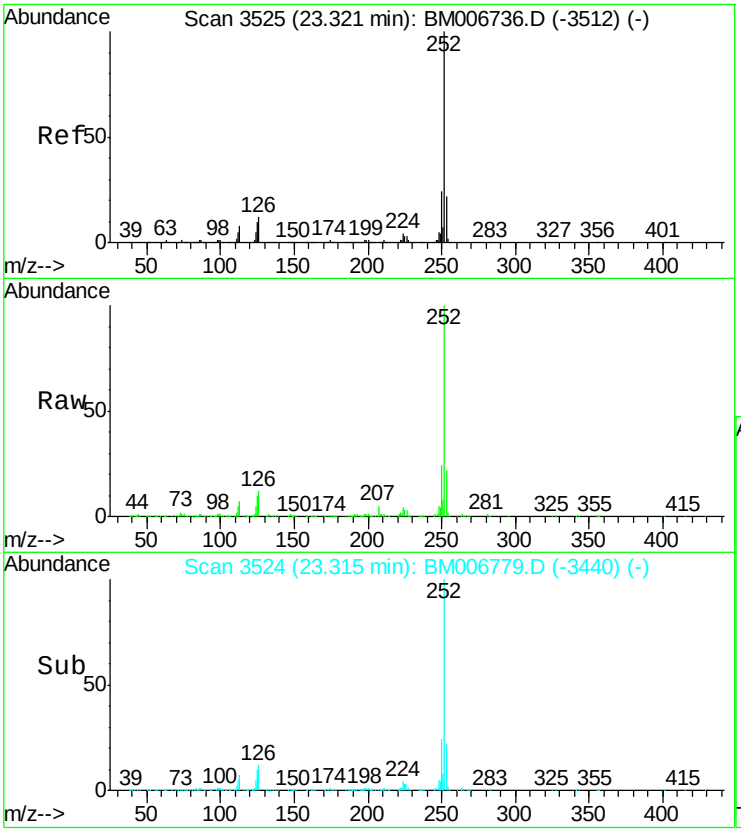


#36
Benzo(k)fluoranthene
Concen: 19.41 ng/ul
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Tgt Ion:252 Resp: 974421

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.1	7.7	11.5



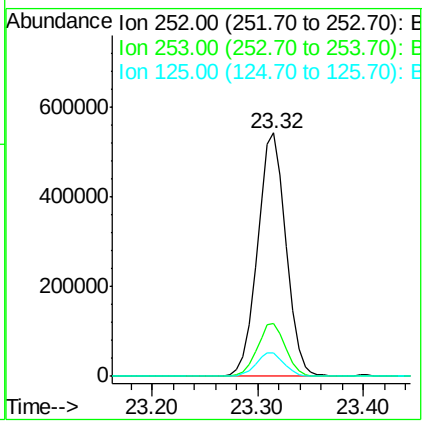


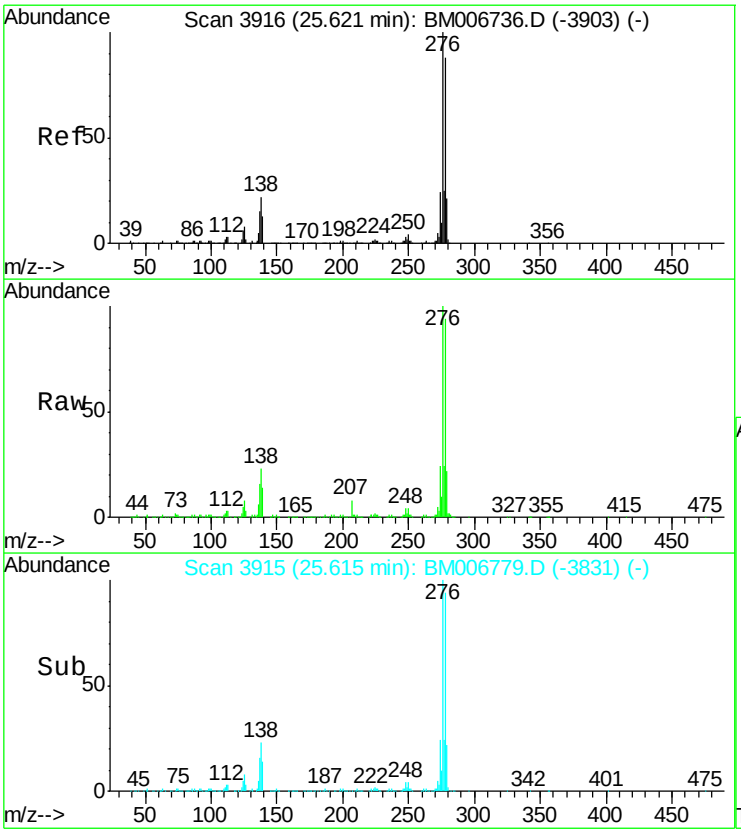
#38
Benzo(a)pyrene
Concen: 20.10 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1015344

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.5	8.2	12.2

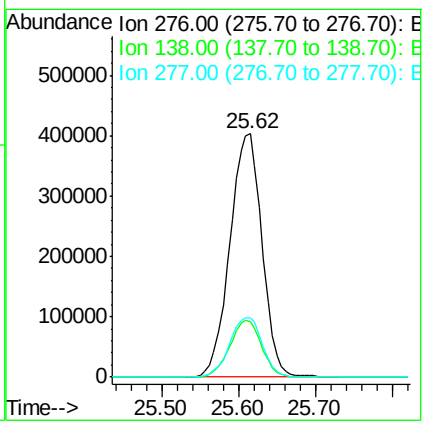


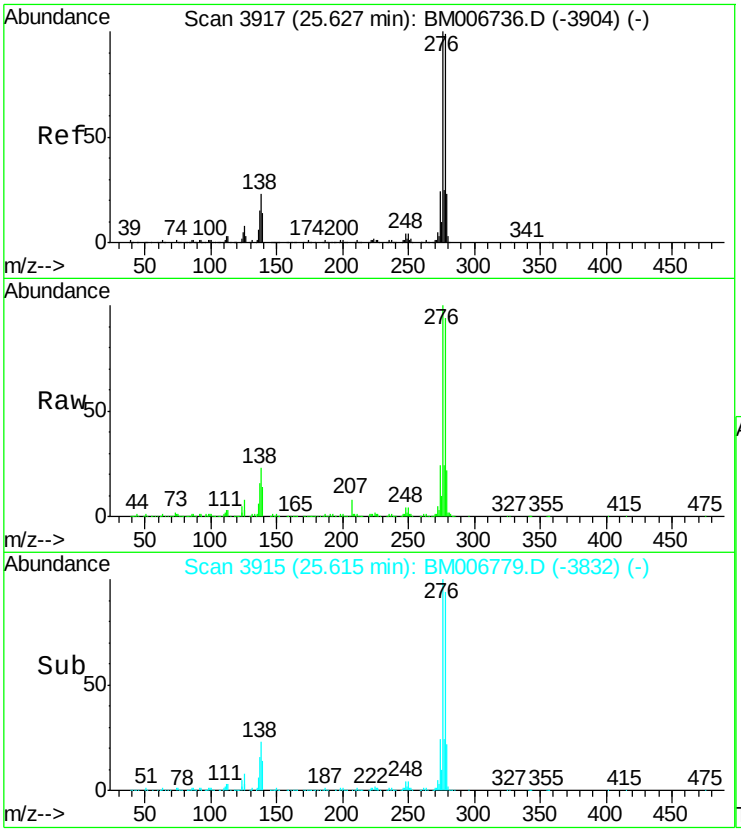


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.11 ng/ul
RT: 25.62 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Tgt Ion:276 Resp: 1176828

Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.8	23.6
277	24.4	19.0	28.6



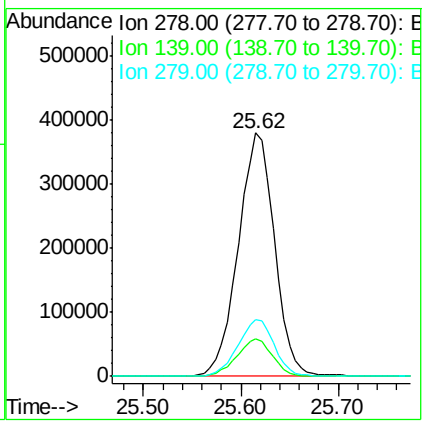


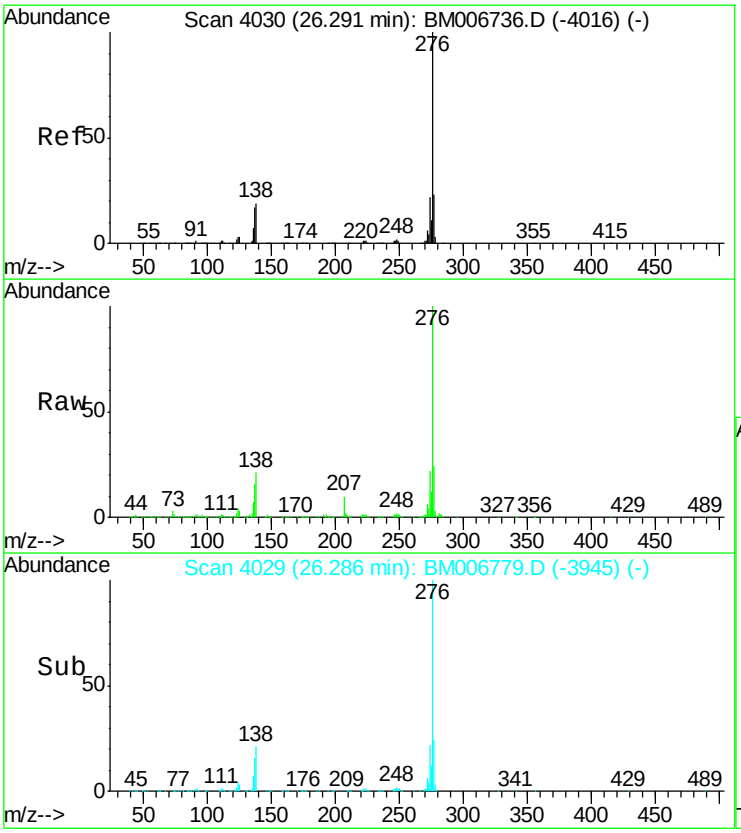
#40
Dibenzo(a,h)anthracene
Concen: 20.20 ng/ul
RT: 25.62 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM006779.D
Acq: 30 Jul 2016 19:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 979930

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.1	18.1
279	23.5	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: BM006779.D
Acq: 30 Jul 2016 19:14

Tgt Ion:276 Resp: 1001741

Ion	Ratio	Lower	Upper
276	100		
138	20.6	13.9	20.9
277	23.6	19.8	29.6