Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006612.D
Acq On : 22 Jul 2016 06:44
Operator : UM/SJ
Sample : H4077-03MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YQ8MS

Quant Time: Jul 22 07:20:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	152530	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	655468	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	364510	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	812963	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	874683	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	931504	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	6029	1.60	ng/uL	0.00
3) Phenol-d5	6.79	99	216560	16.69	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	154343	19.20	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	181461	17.50	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	125375	12.46	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	95338	19.22	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	101360	19.21	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	181080	18.16	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	163405	14.88	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	562956	19.70	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	727784	19.95	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	48649	9.80	ng/ul	0.01
21) Fluorene-d10	15.26	176	507118	19.84	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	37746	8.94	ng/ul	0.00
26) Anthracene-d10	17.12	188	778097	20.16	ng/ul	0.00
30) Pyrene-d10	19.42	212	875075	21.96	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	888226	20.73	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.44	128	38072	1.13	ng/ul	99
13) 2-Methylnaphthalene	12.06	142	32534	1.31	ng/ul	99
14) 1-Methylnaphthalene	12.29	142	24073	1.02	ng/ul#	96
18) Acenaphthylene	13.99	152	43731	1.12	ng/ul	97
19) Acenaphthene	14.33	153	506908	20.19	ng/ul	95
25) Phenanthrene	17.06	178	547335	11.97	ng/ul	99
27) Anthracene	17.15	178	141973	3.02	ng/ul	99
28) Fluoranthene	19.08	202	1034175	19.25	ng/ul	99
31) Pyrene	19.45	202	1926452	36.37	ng/ul#	97
32) Benzo(a)anthracene	21.20	228	514608	9.71	ng/ul	97
33) Chrysene	21.25	228	529573	10.84	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	793711	14.21	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	793711	14.70	ng/ul	99
38) Benzo(a)pyrene	23.32	252	529755	9.75	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.62	276	432369	6.87	ng/ul	98
40) Dibenzo(a,h)anthracene	25.61	278	113834	2.18	ng/ul#	87
41) Benzo(g,h,i)perylene	26.30	276	403078	7.47	ng/ul	98

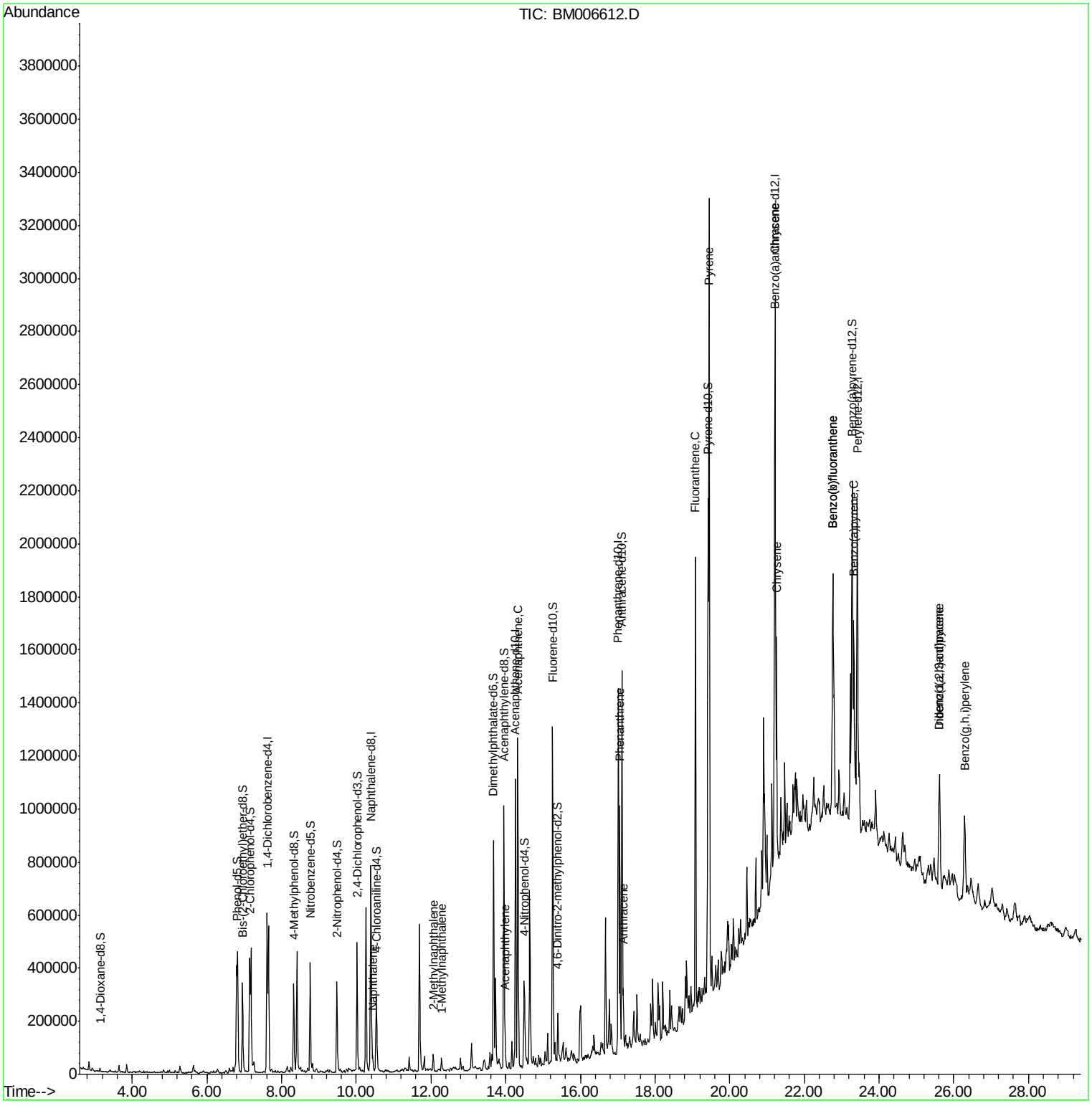
(#) = qualifier out of range (m) = manual integration (+) = signals summed

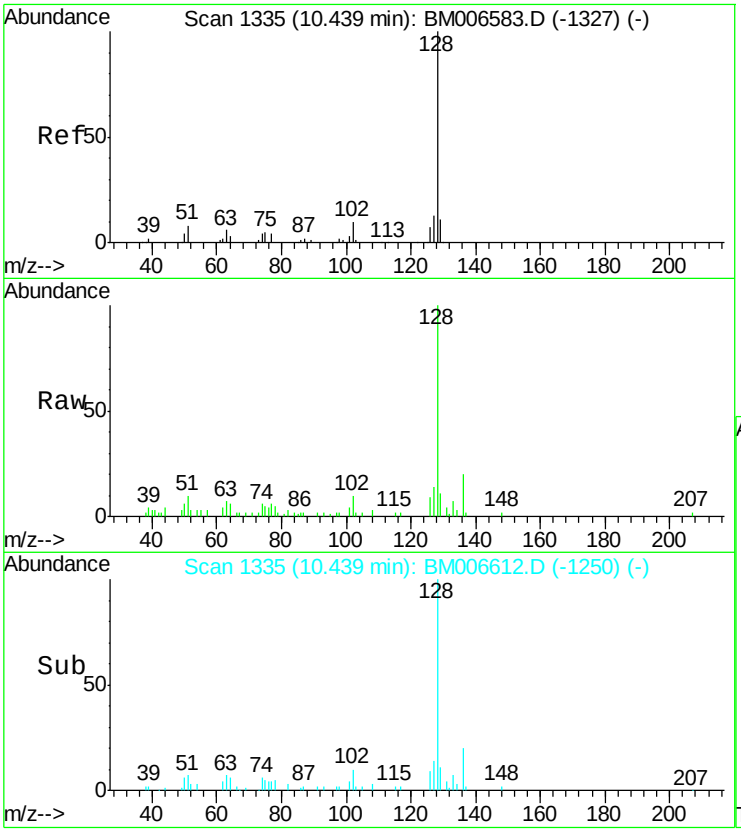
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006612.D
Acq On : 22 Jul 2016 06:44
Operator : UM/SJ
Sample : H4077-03MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Quant Time: Jul 22 07:20:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration



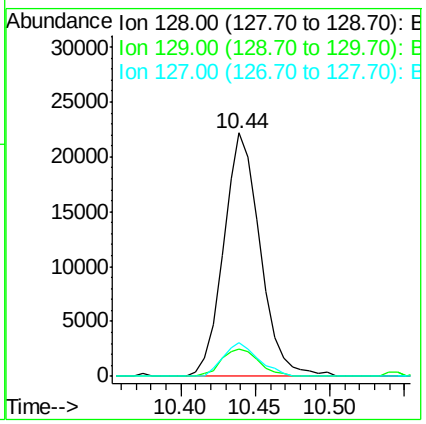


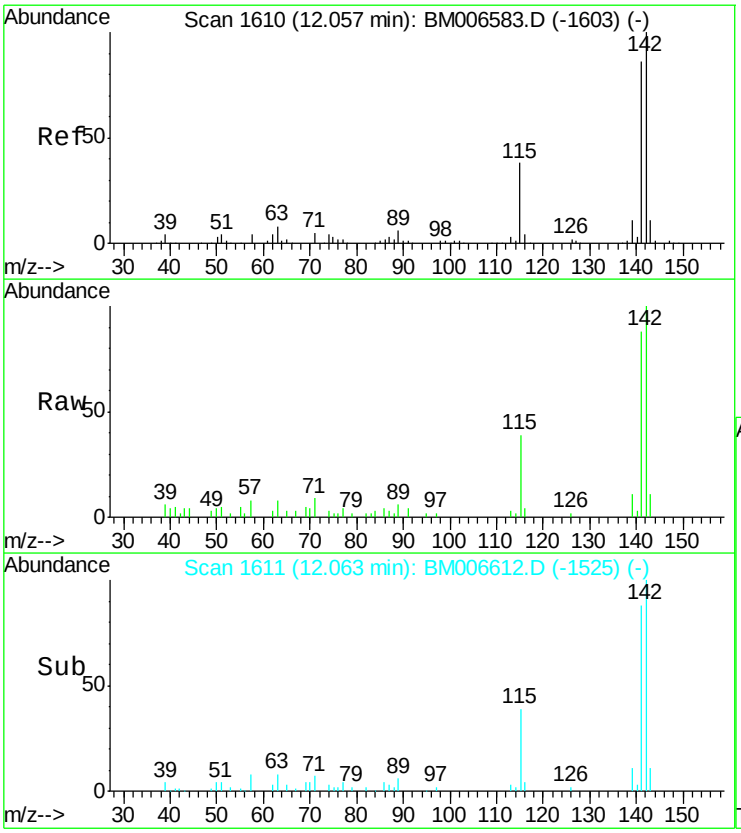
#11
Naphthalene
Concen: 1.13 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Tgt Ion:128 Resp: 38072

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.3	12.5
127	13.7	10.8	16.2

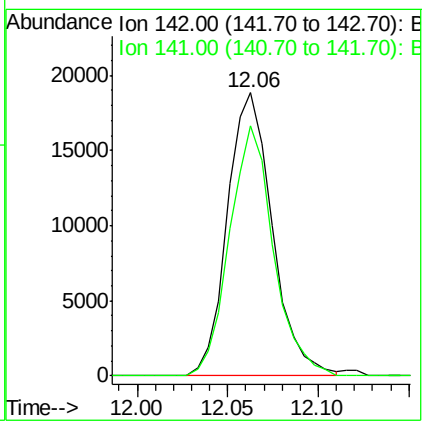


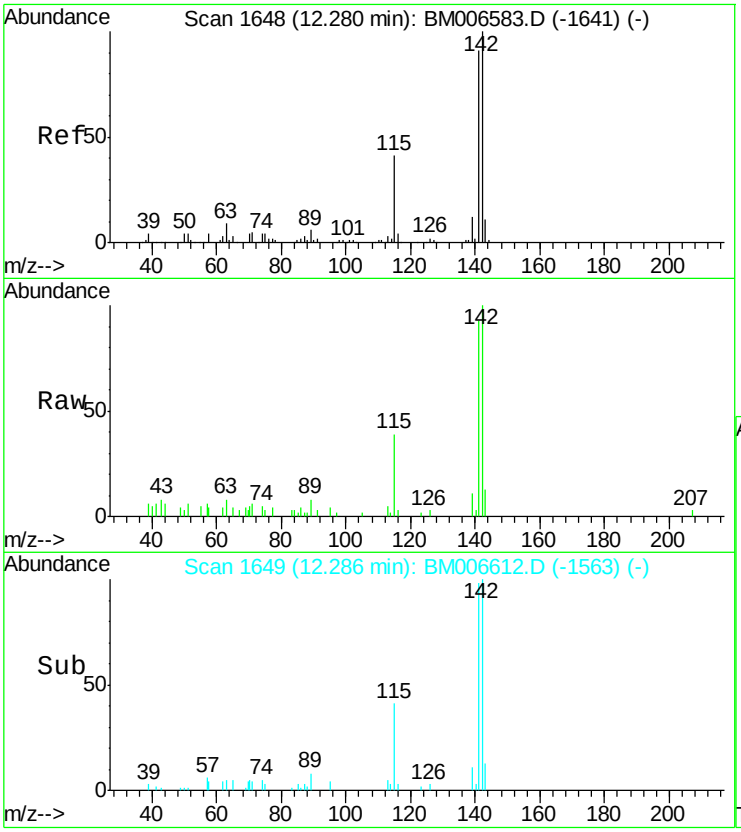


#13
2-Methylnaphthalene
Concen: 1.31 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Tgt Ion:142 Resp: 32534

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9



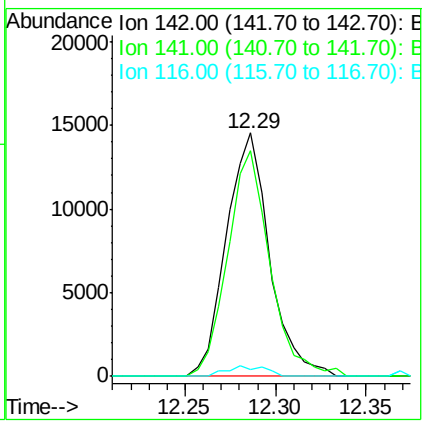


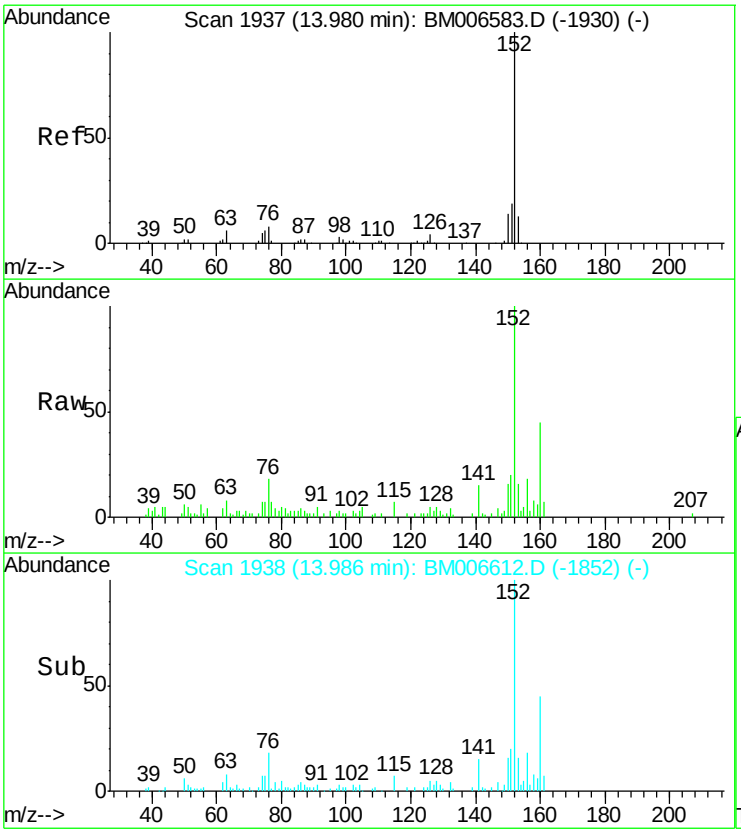
#14
1-Methylnaphthalene
Concen: 1.02 ng/ul
RT: 12.29 min Scan# 1649
Delta R.T. 0.01 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Tgt Ion:142 Resp: 24073

Ion	Ratio	Lower	Upper
142	100		
141	92.6	77.0	115.4
116	3.0	4.2	6.4#

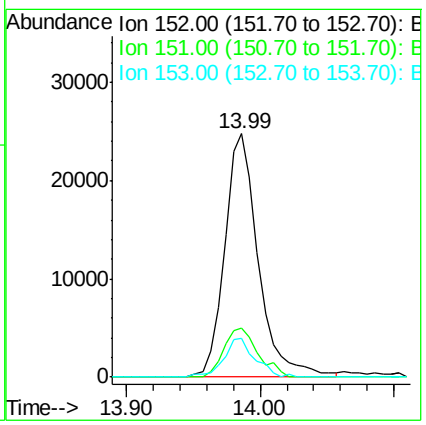


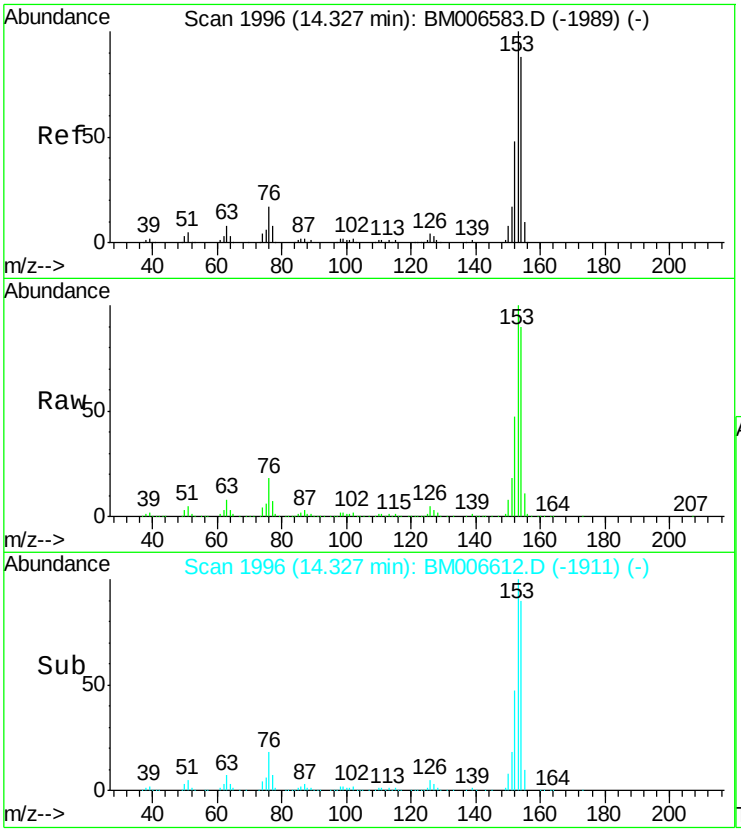


#18
Acenaphthylene
Concen: 1.12 ng/ul
RT: 13.99 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Tgt Ion:152 Resp: 43731

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.3	25.9
153	15.7	11.1	16.7



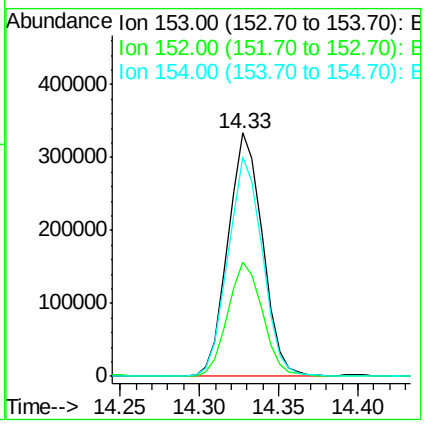


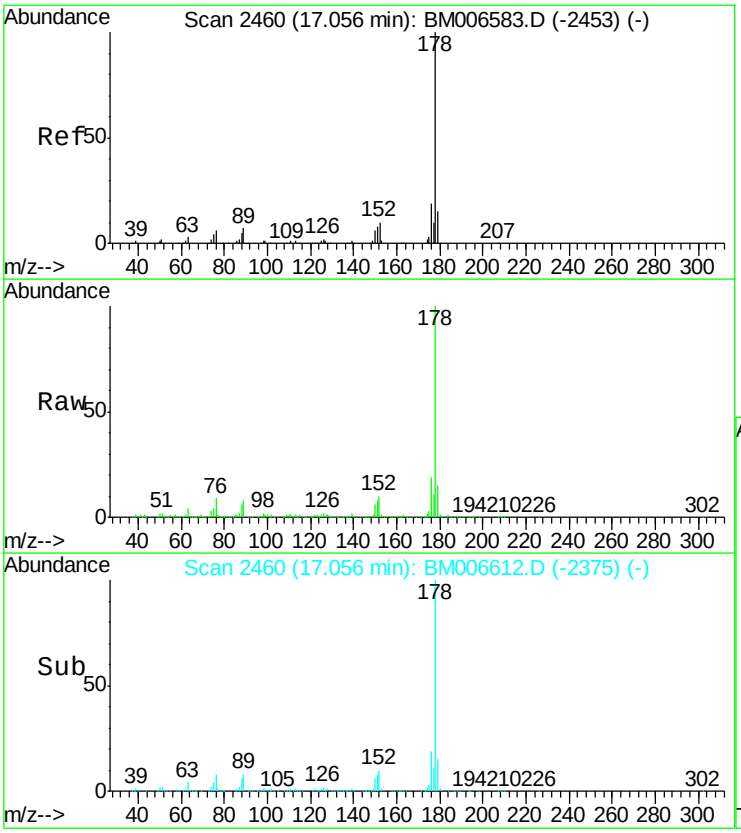
#19
Acenaphthene
Concen: 20.19 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Tgt Ion:153 Resp: 506908

Ion	Ratio	Lower	Upper
153	100		
152	47.0	36.5	54.7
154	89.9	67.3	100.9

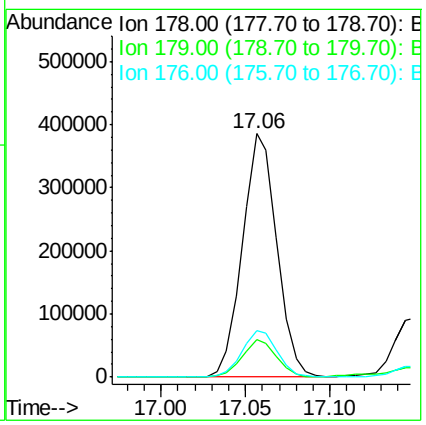


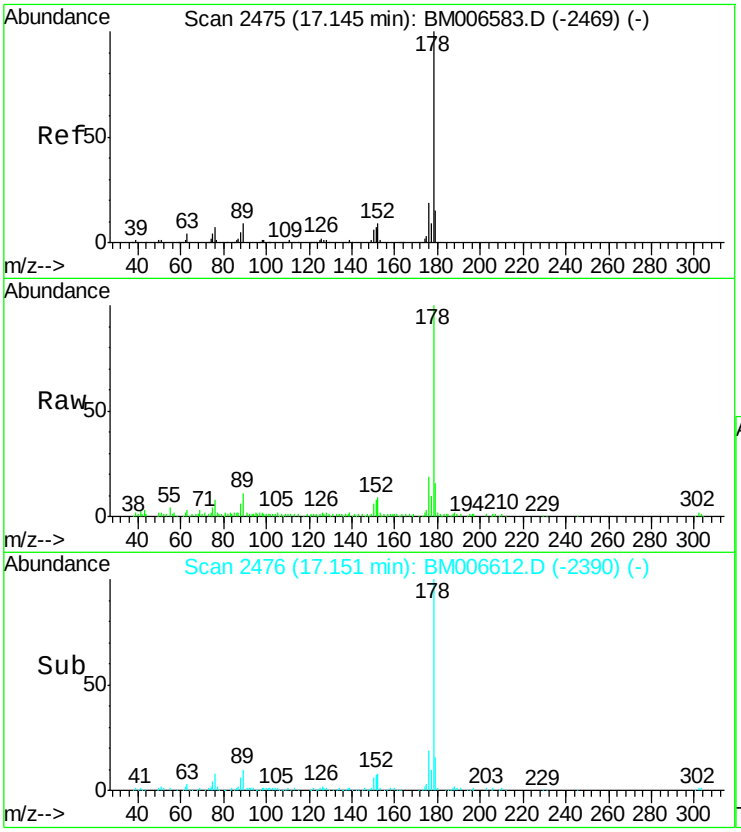


#25
Phenanthrene
Concen: 11.97 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Tgt Ion:178 Resp: 547335

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.2	14.8	22.2



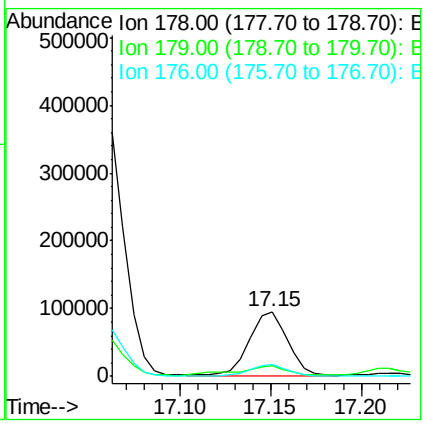


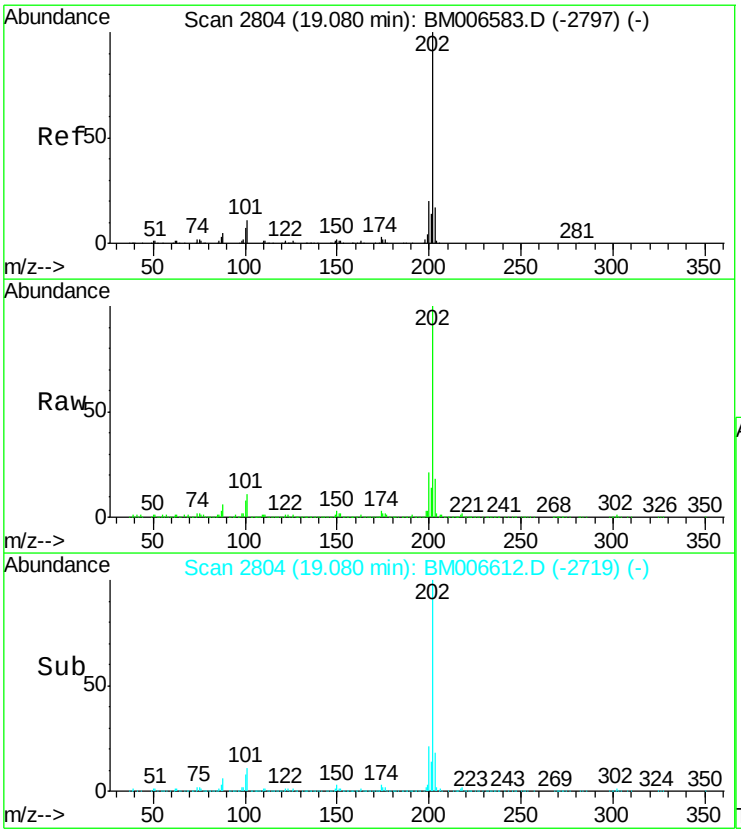
#27
Anthracene
Concen: 3.02 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Tgt Ion:178 Resp: 141973

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	18.9	15.6	23.4

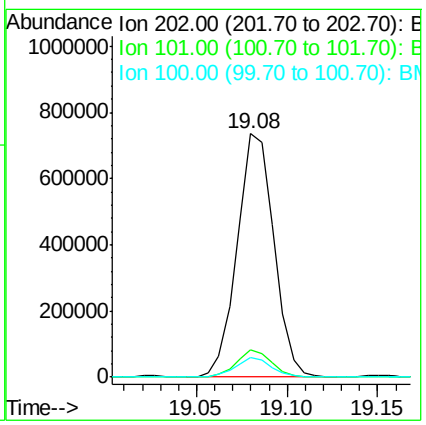


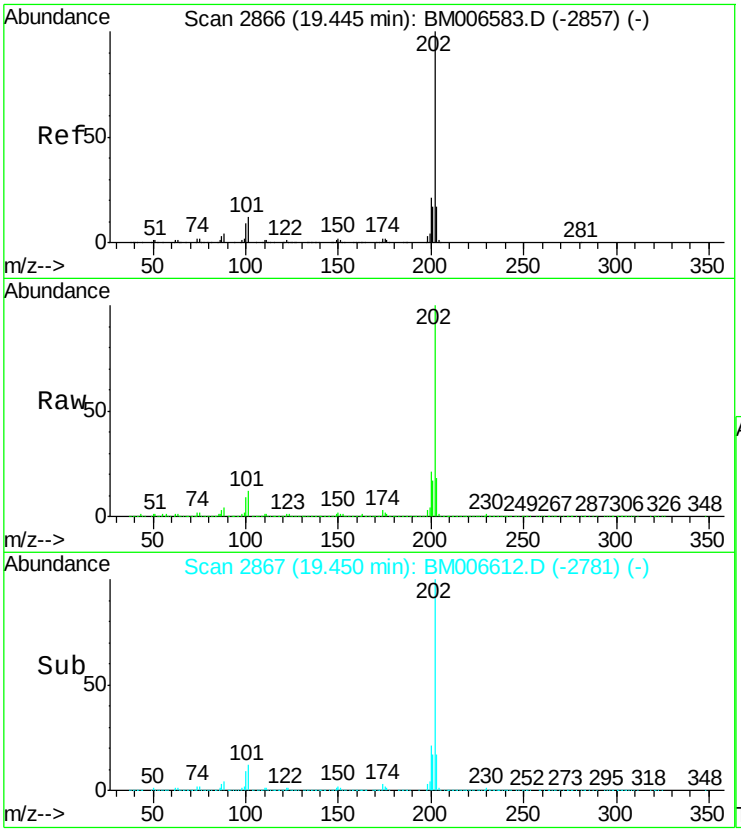


#28
Fluoranthene
Concen: 19.25 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Tgt Ion:202 Resp: 1034175

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	7.9	7.0	10.4



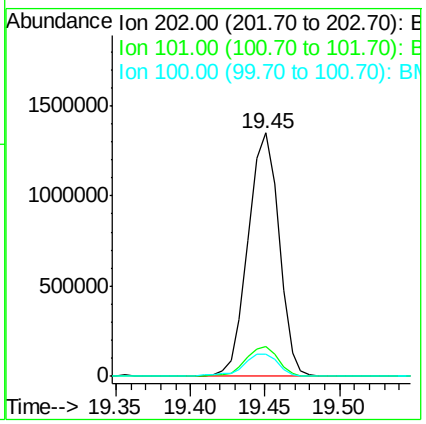


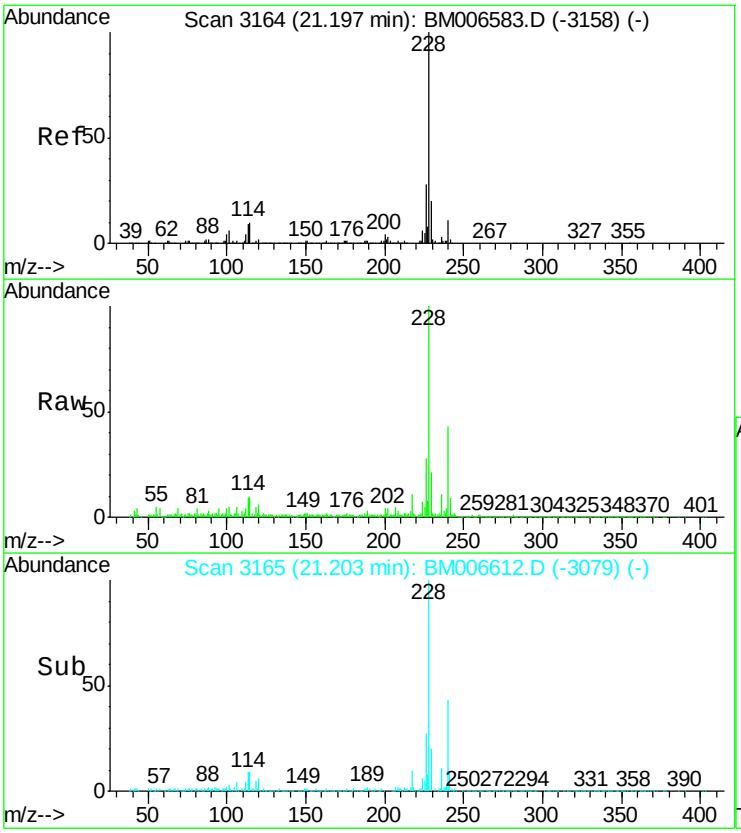
#31
Pyrene
Concen: 36.37 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Tgt Ion:202 Resp: 1926452

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.2	9.3	13.9#

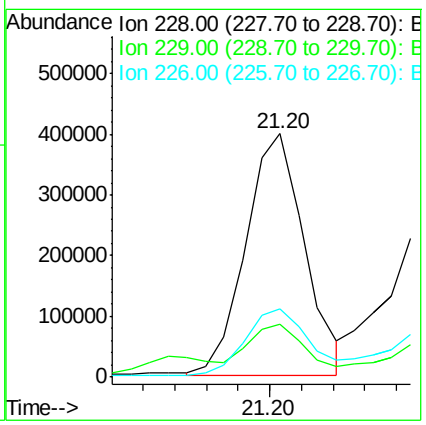


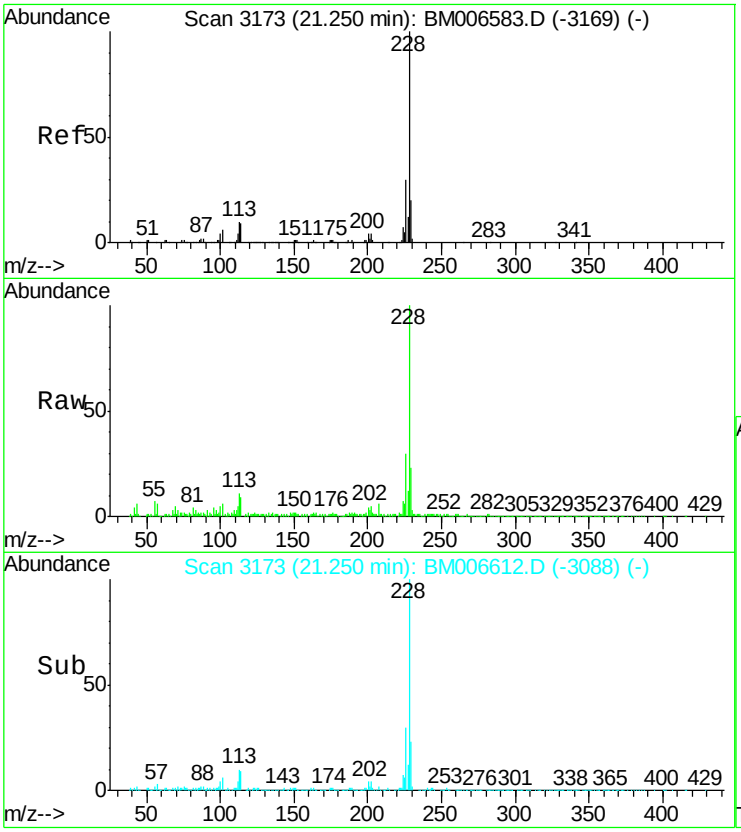


#32
Benzo(a)anthracene
Concen: 9.71 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Tgt Ion:228 Resp: 514608

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	27.9	21.0	31.4



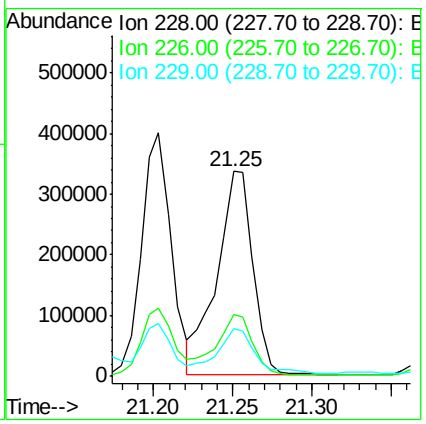


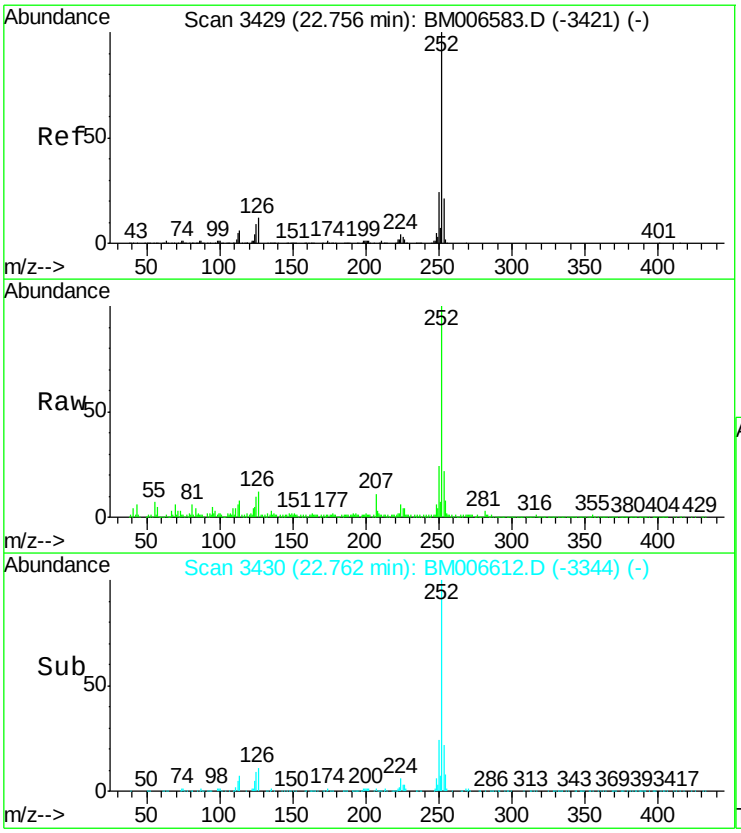
#33
Chrysene
Concen: 10.84 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Tgt Ion:228 Resp: 529573

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	23.3	16.2	24.2

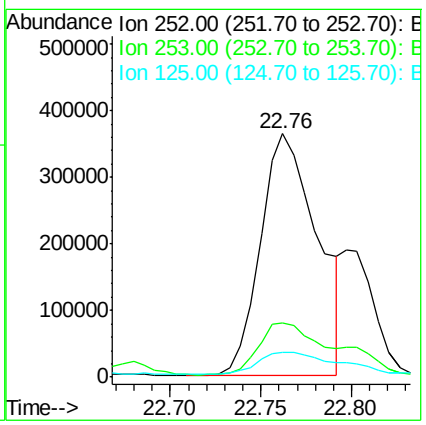


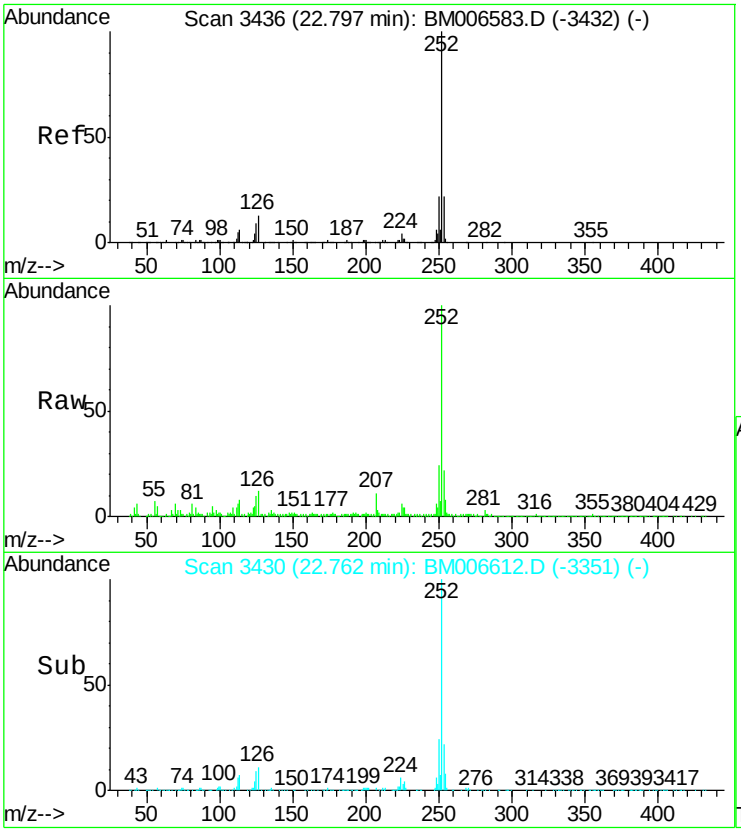


#35
Benzo(b)fluoranthene
Concen: 14.21 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Tgt Ion:252 Resp: 793711

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.3	7.6	11.4



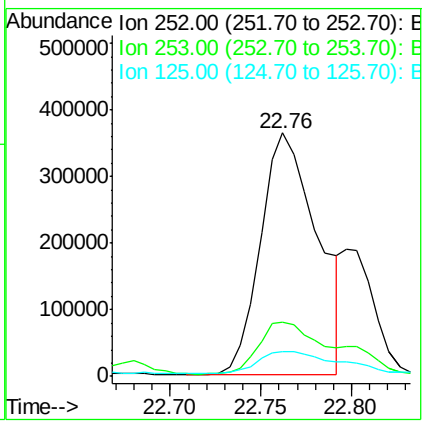


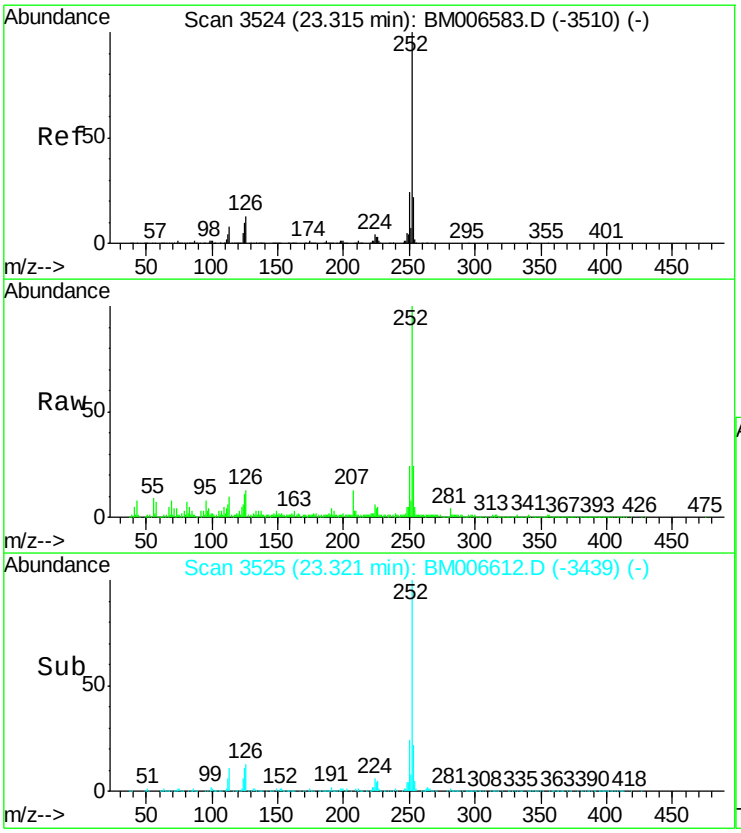
#36
Benzo(k)fluoranthene
Concen: 14.70 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. -0.04 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Tgt Ion:252 Resp: 793711

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.3	7.7	11.5

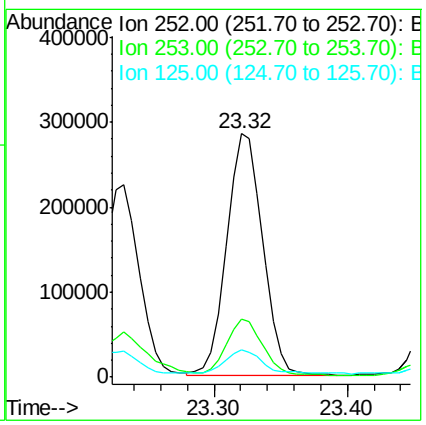


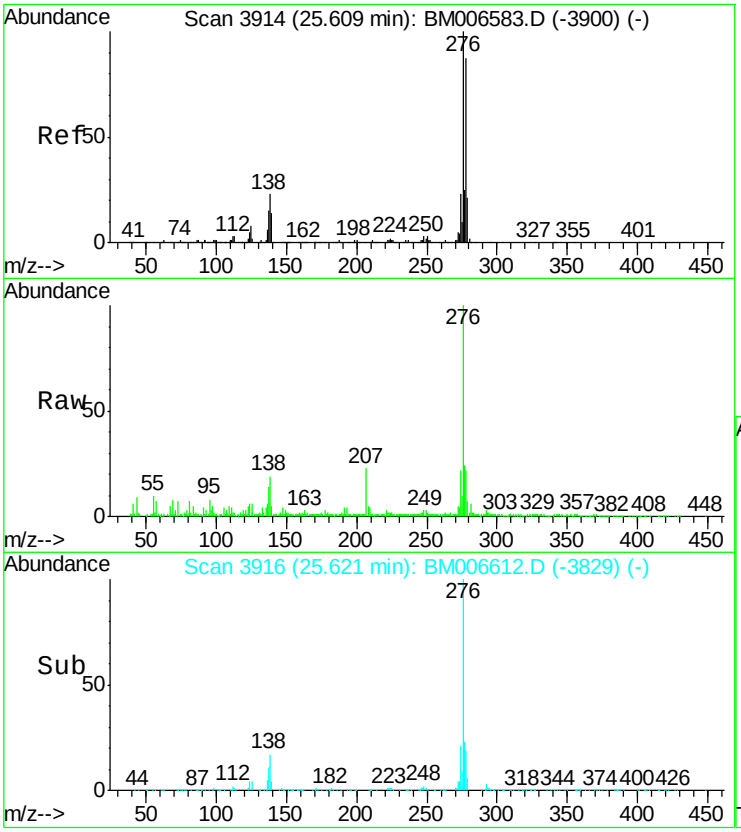


#38
Benzo(a)pyrene
Concen: 9.75 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Tgt Ion:252 Resp: 529755

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	11.0	8.2	12.2



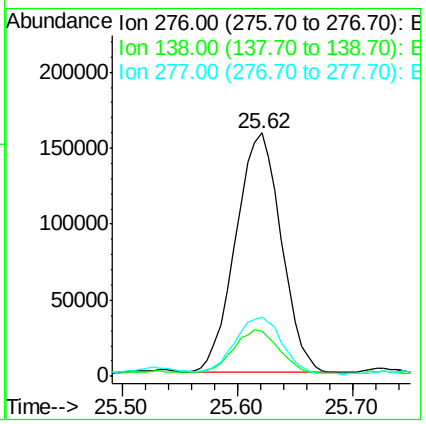


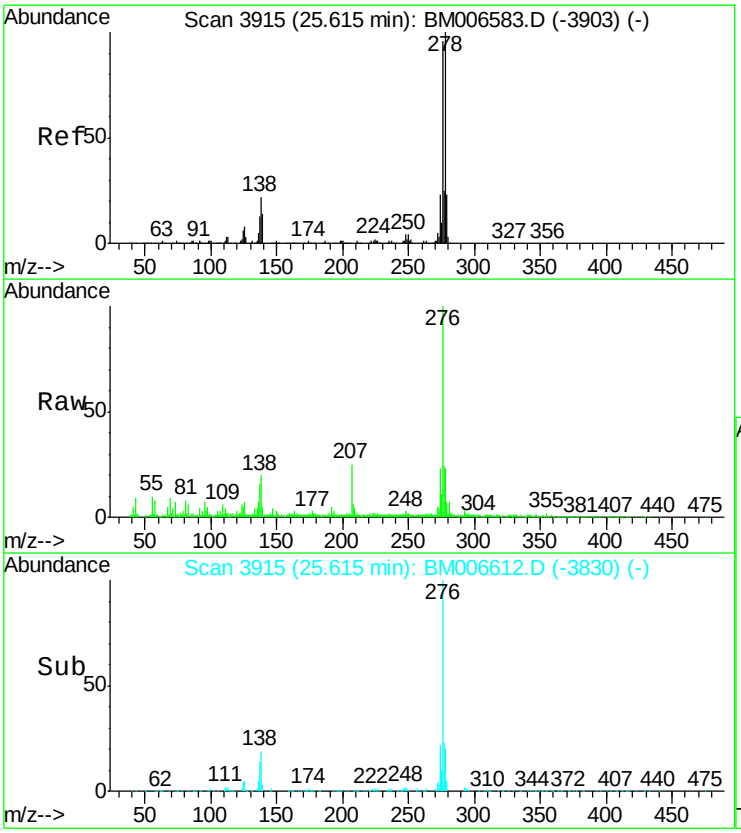
#39
Indeno(1,2,3-cd)pyrene
Concen: 6.87 ng/ul
RT: 25.62 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Tgt Ion:276 Resp: 432369

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.8	23.6
277	24.4	19.0	28.6

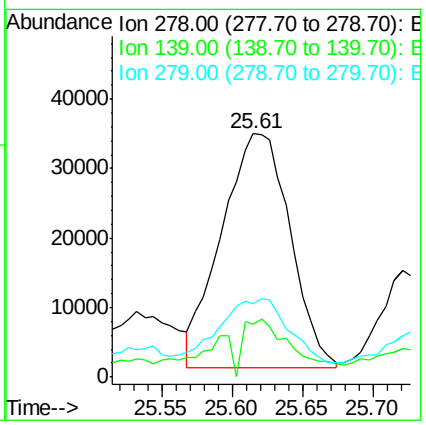


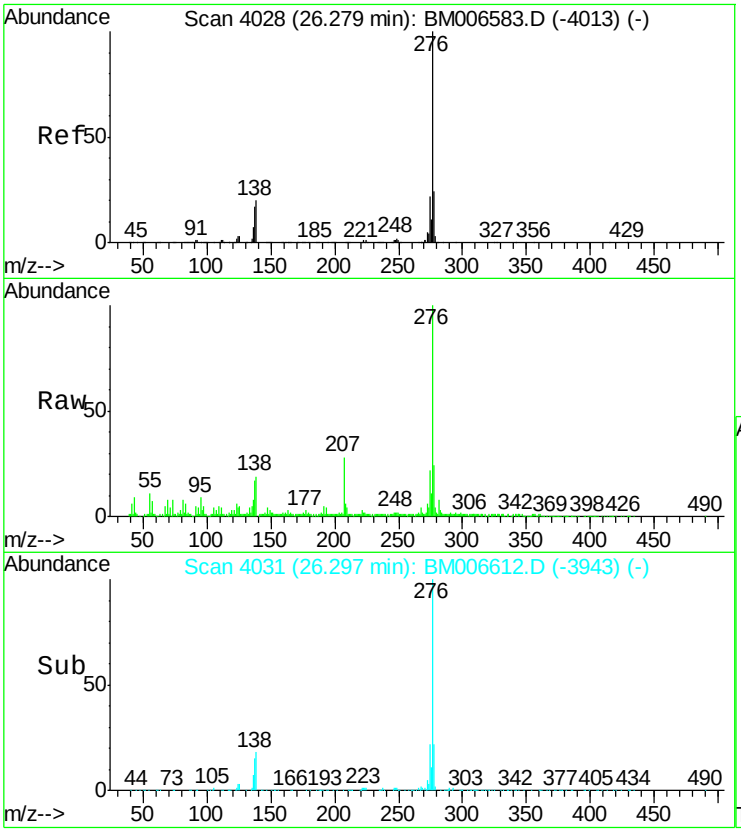


#40
Dibenzo(a,h)anthracene
Concen: 2.18 ng/ul
RT: 25.61 min Scan# 3915
Delta R.T. 0.00 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Tgt Ion:278 Resp: 113834

Ion	Ratio	Lower	Upper
278	100		
139	21.8	12.1	18.1#
279	30.1	19.8	29.8#





#41
Benzo(g,h,i)perylene
Concen: 7.47 ng/ul
RT: 26.30 min Scan# 4031
Delta R.T. 0.02 min
Lab File: BM006612.D
Acq: 22 Jul 2016 06:44

Instrument :
BNA_M
ClientSampleId :
D9YQ8MS

Tgt Ion:276 Resp: 403078

Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.9	20.9
277	24.1	19.8	29.6