Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073016\
Data File : BM006736.D
Acq On : 29 Jul 2016 12:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Jul 29 13:51:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	114870	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	501837	20.00	ng/ul	-0.01
15) Acenaphthene-d10	14.26	164	286101	20.00	ng/ul	-0.01
23) Phenanthrene-d10	17.01	188	656018	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	786061	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	840334	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	23819	8.39	ng/uL	0.00
3) Phenol-d5	6.79	99	199542	20.42	ng/ul	-0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	128810	21.28	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	157720	20.20	ng/ul	-0.01
6) 4-Methylphenol-d8	8.32	113	157173	20.74	ng/ul	-0.01
8) Nitrobenzene-d5	8.76	128	75135	19.78	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	77986	19.30	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	152911	20.03	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	177995	21.17	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	453386	20.21	ng/ul	-0.01
17) Acenaphthylene-d8	13.95	160	580014	20.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	73697	18.92	ng/ul	0.00
21) Fluorene-d10	15.26	176	403226	20.10	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	65898	19.35	ng/ul	0.00
26) Anthracene-d10	17.11	188	626550	20.11	ng/ul	0.00
30) Pyrene-d10	19.42	212	707692	19.76	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	779739	20.17	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.43	128	504577	19.50	ng/ul	98
13) 2-Methylnaphthalene	12.06	142	373419	19.67	ng/ul	99
14) 1-Methylnaphthalene	12.28	142	354866	19.59	ng/ul#	93
18) Acenaphthylene	13.98	152	609629	19.88	ng/ul	96
19) Acenaphthene	14.32	153	388650	19.72	ng/ul	96
22) Fluorene	15.31	166	452121	20.36	ng/ul	96
25) Phenanthrene	17.05	178	728708	19.75	ng/ul	98
27) Anthracene	17.14	178	757092	19.93	ng/ul	98
28) Fluoranthene	19.08	202	876401	20.22	ng/ul	97
31) Pyrene	19.44	202	933086	19.60	ng/ul	97
32) Benzo(a)anthracene	21.20	228	956341	20.07	ng/ul	98
33) Chrysene	21.25	228	881563	20.07	ng/ul	99
35) Benzo(b)fluoranthene	22.76	252	1027147	20.39	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	955612	19.62	ng/ul	99
38) Benzo(a)pyrene	23.32	252	987243	20.14	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.62	276	1154748	20.34	ng/ul	97
40) Dibenzo(a,h)anthracene	25.63	278	958341	20.36	ng/ul	98
41) Benzo(g,h,i)perylene	26.29	276	984395	20.23	ng/ul	97

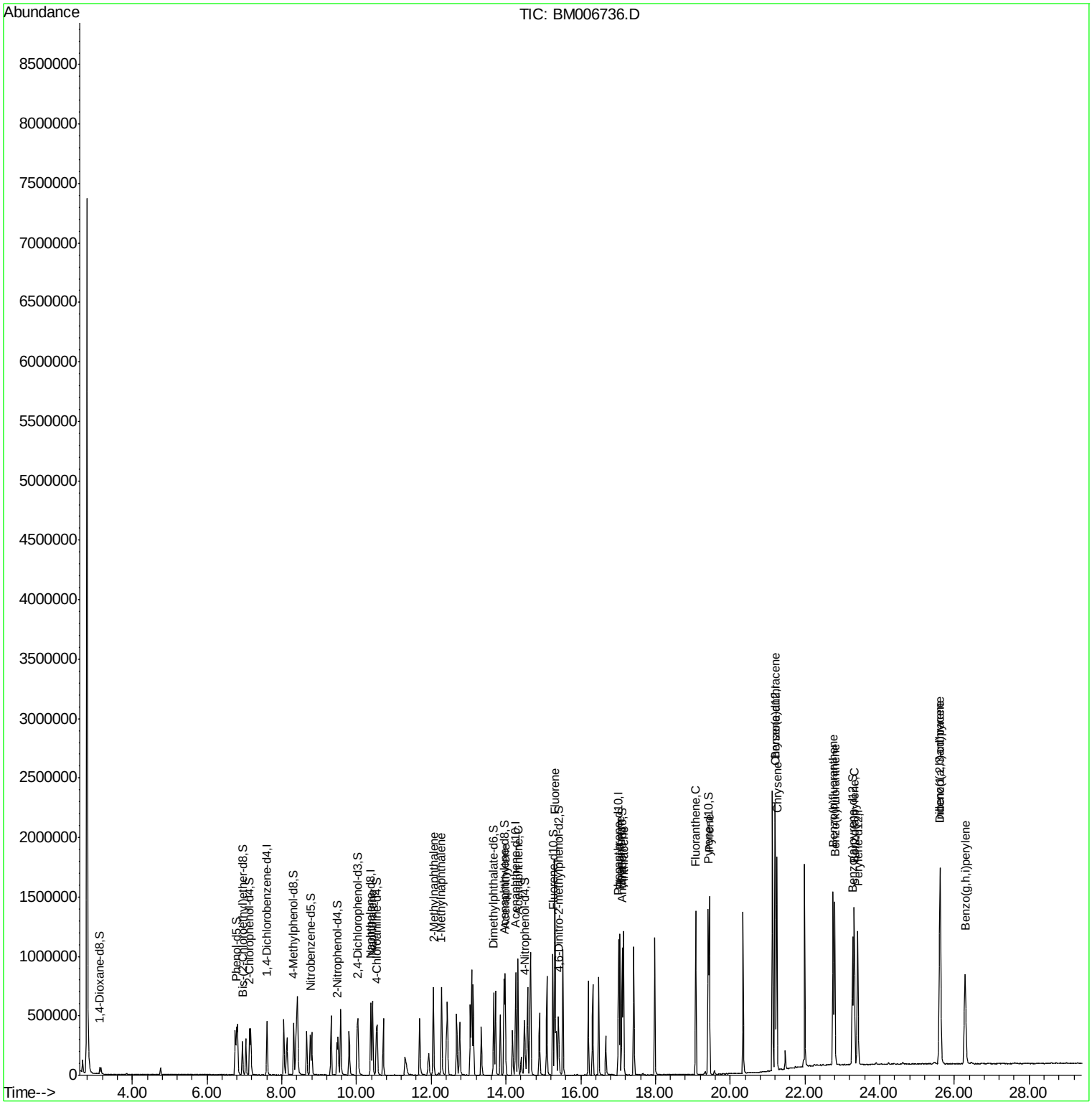
(#) = qualifier out of range (m) = manual integration (+) = signals summed

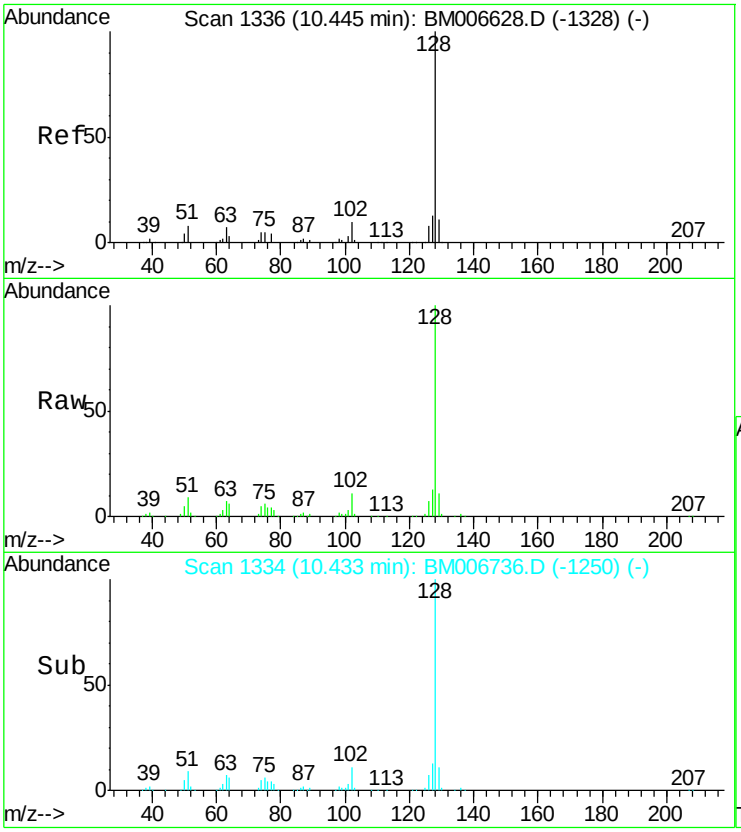
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073016\
Data File : BM006736.D
Acq On : 29 Jul 2016 12:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Quant Time: Jul 29 13:51:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration



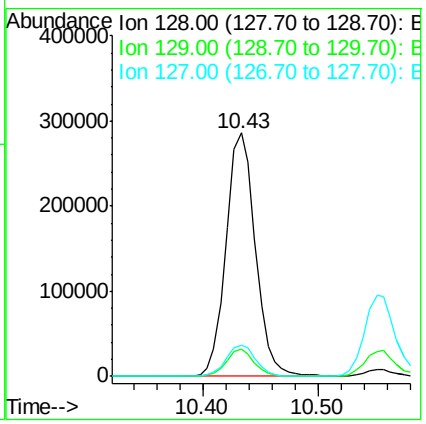


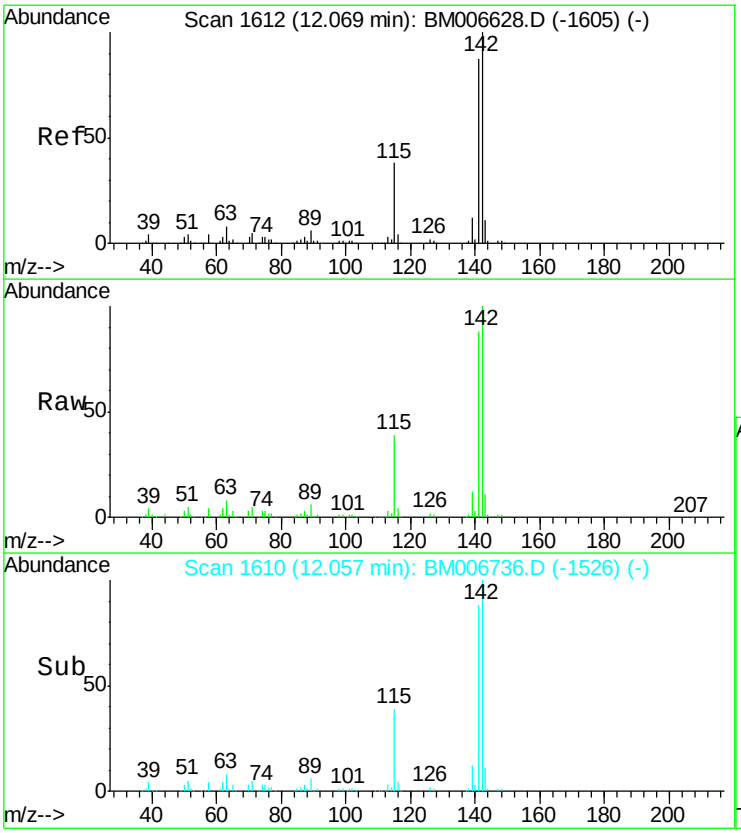
#11
Naphthalene
Concen: 19.50 ng/ul
RT: 10.43 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:128 Resp: 504577

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.3	12.5
127	12.9	10.8	16.2

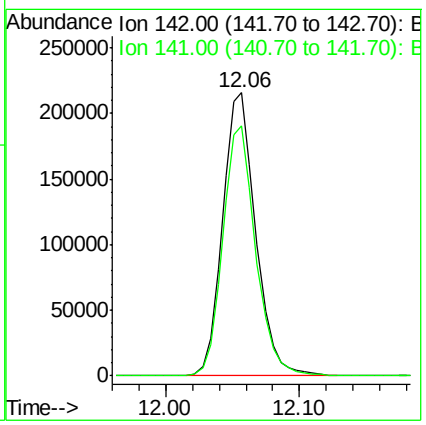


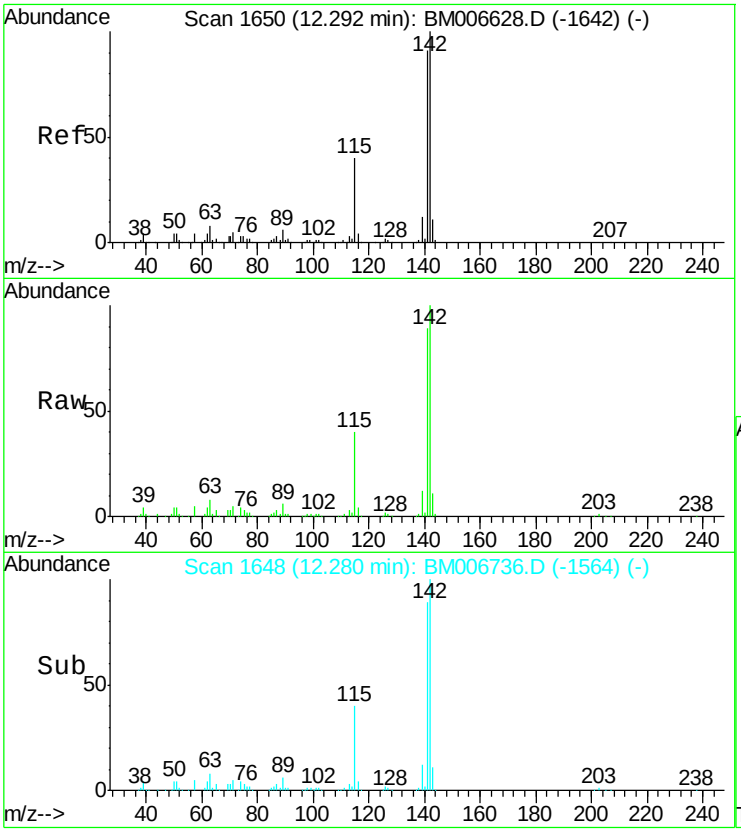


#13
2-Methylnaphthalene
Concen: 19.67 ng/ul
RT: 12.06 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Tgt Ion:142 Resp: 373419

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9



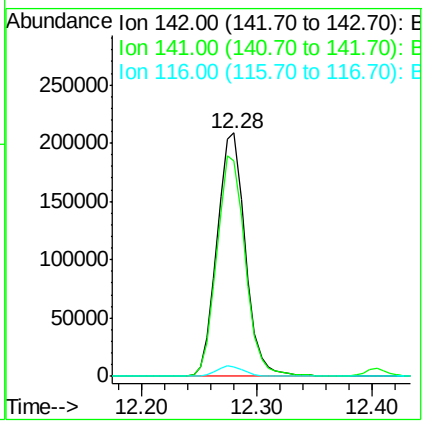


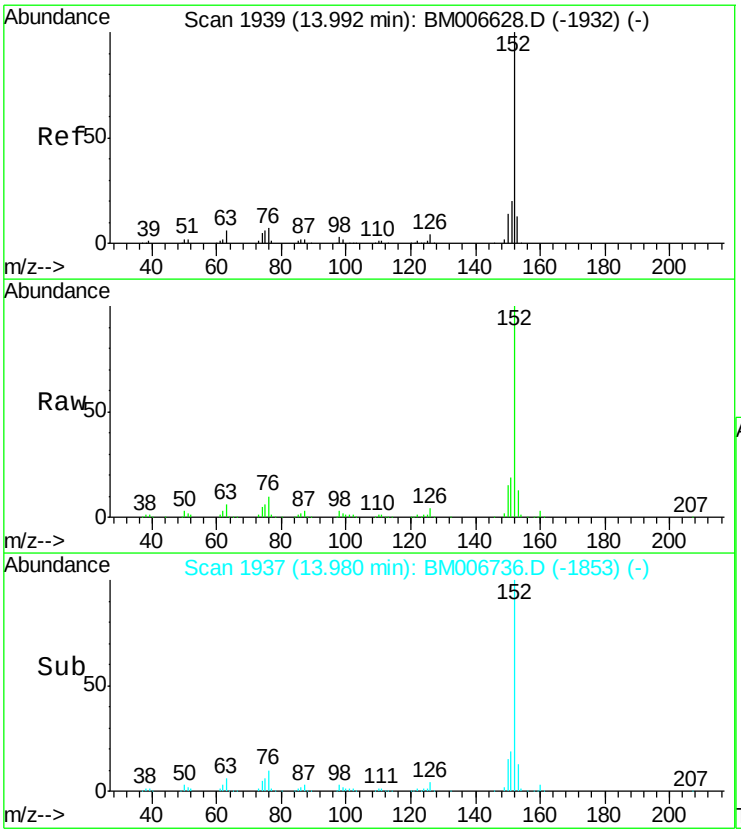
#14
1-Methylnaphthalene
Concen: 19.59 ng/ul
RT: 12.28 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:142 Resp: 354866

Ion	Ratio	Lower	Upper
142	100		
141	88.7	77.0	115.4
116	4.1	4.2	6.4#

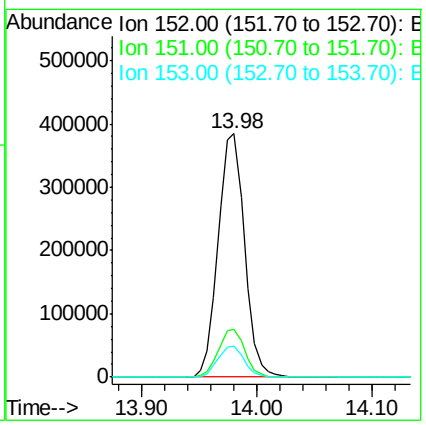


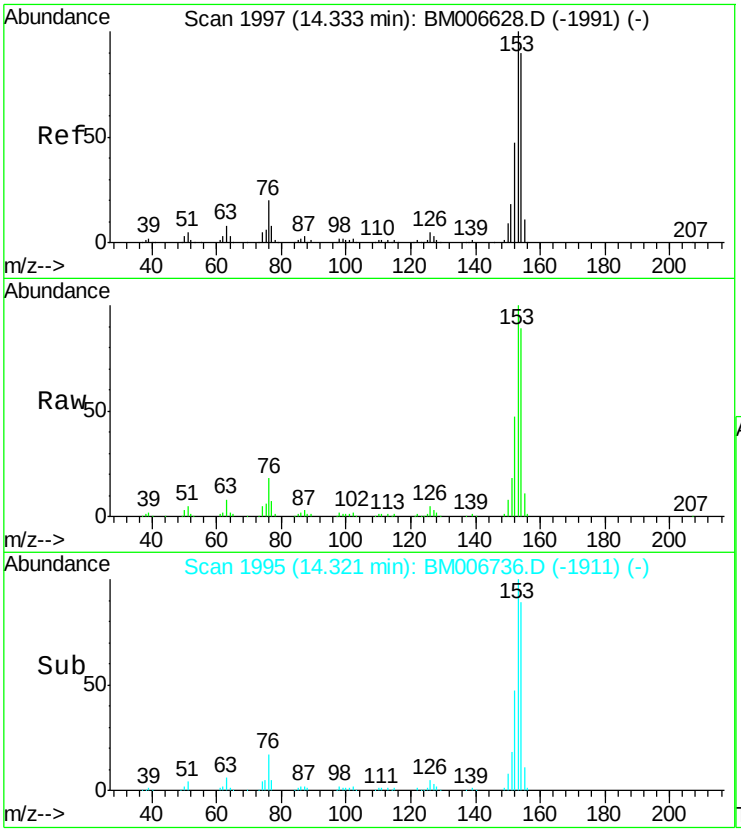


#18
Acenaphthylene
Concen: 19.88 ng/ul
RT: 13.98 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Tgt Ion:152 Resp: 609629

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.3	25.9
153	12.9	11.1	16.7



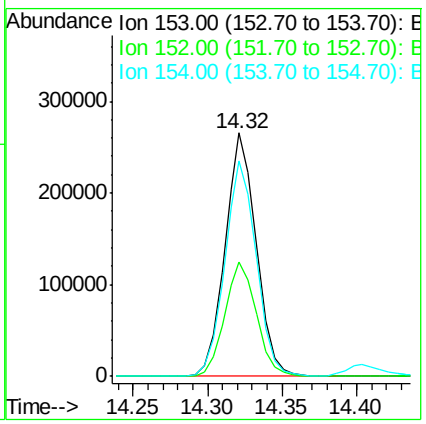


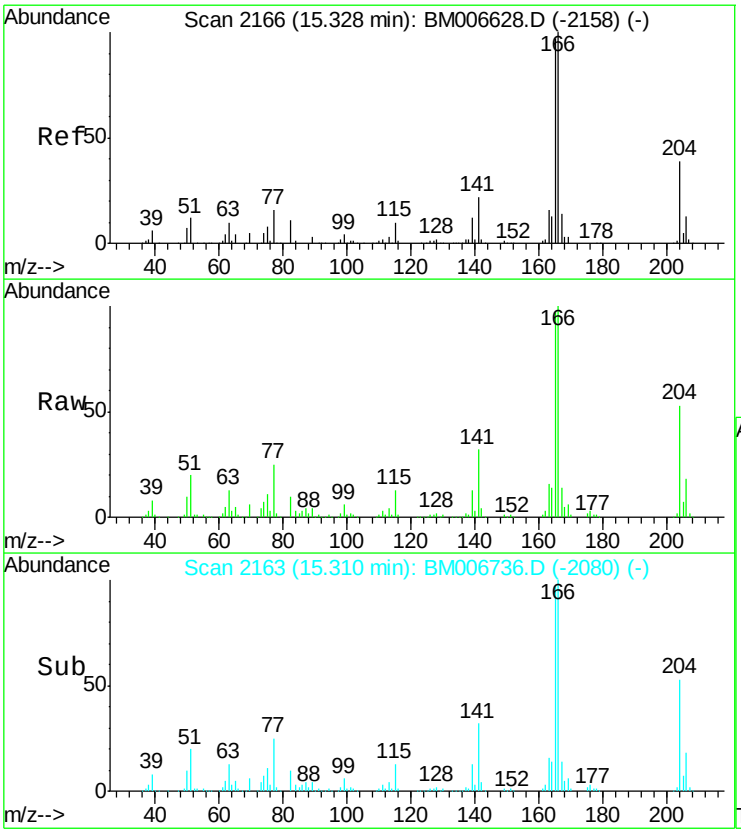
#19
Acenaphthene
Concen: 19.72 ng/ul
RT: 14.32 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:153 Resp: 388650

Ion	Ratio	Lower	Upper
153	100		
152	46.7	36.5	54.7
154	88.7	67.3	100.9

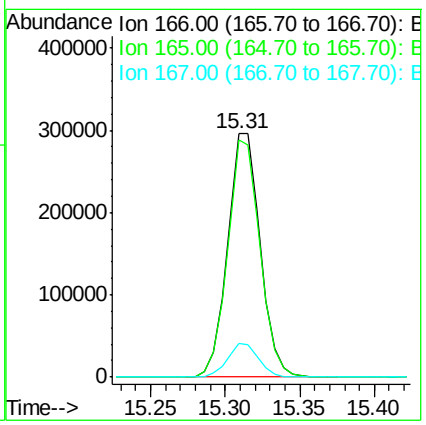


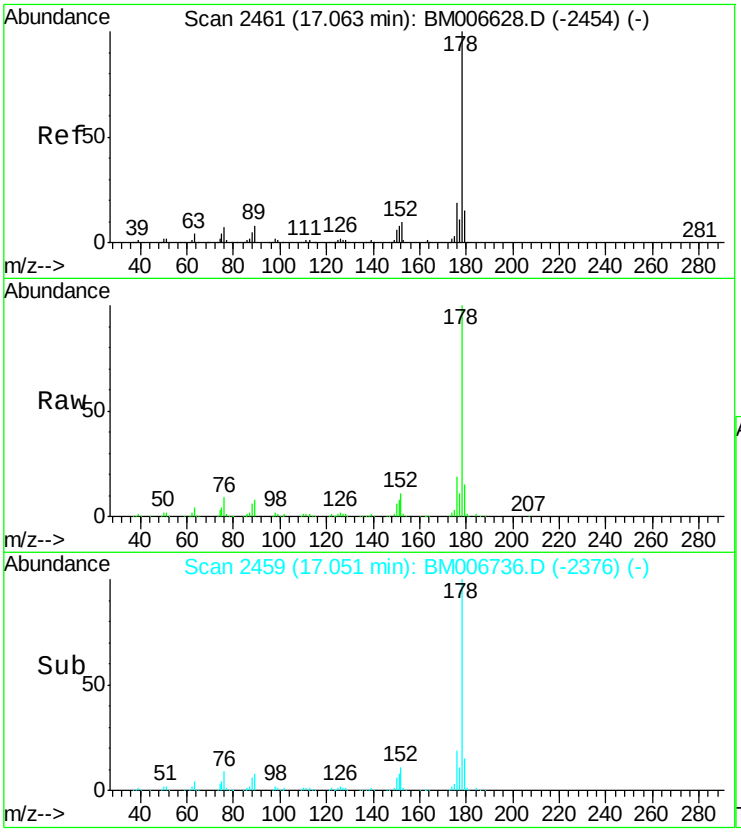


#22
Fluorene
Concen: 20.36 ng/ul
RT: 15.31 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Tgt Ion:166 Resp: 452121

Ion	Ratio	Lower	Upper
166	100		
165	97.2	81.1	121.7
167	13.6	10.6	16.0



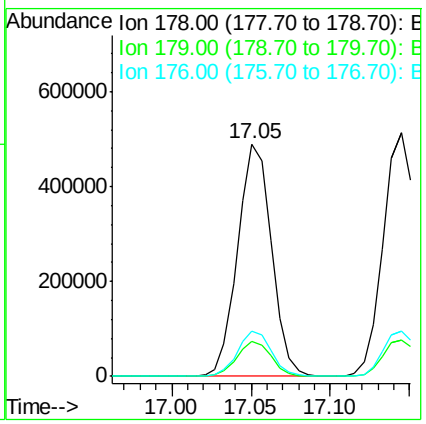


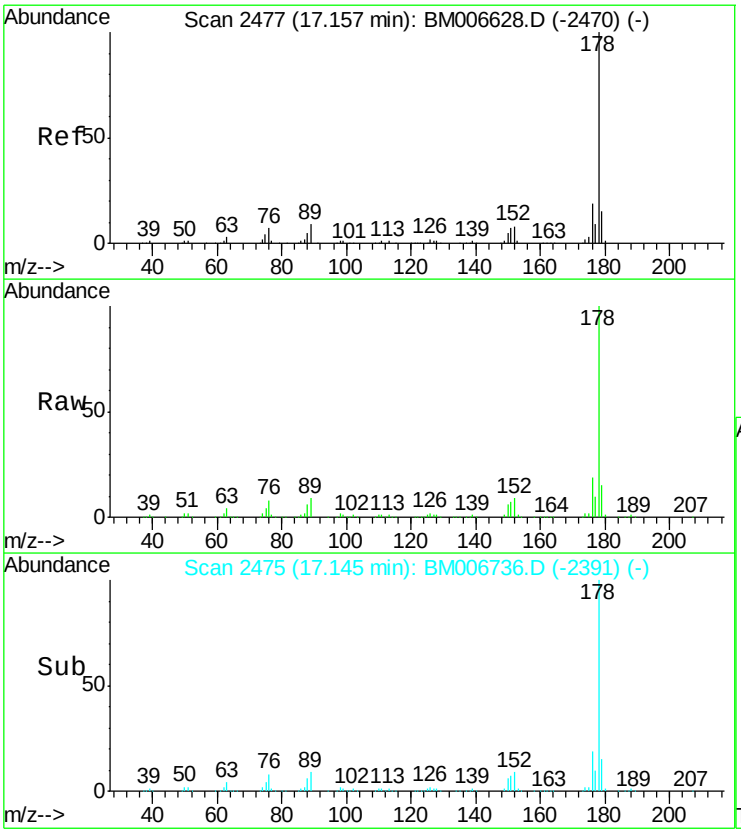
#25
Phenanthrene
Concen: 19.75 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:178 Resp: 728708

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.4	14.8	22.2

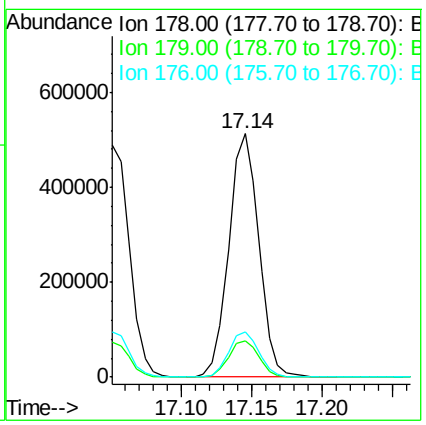


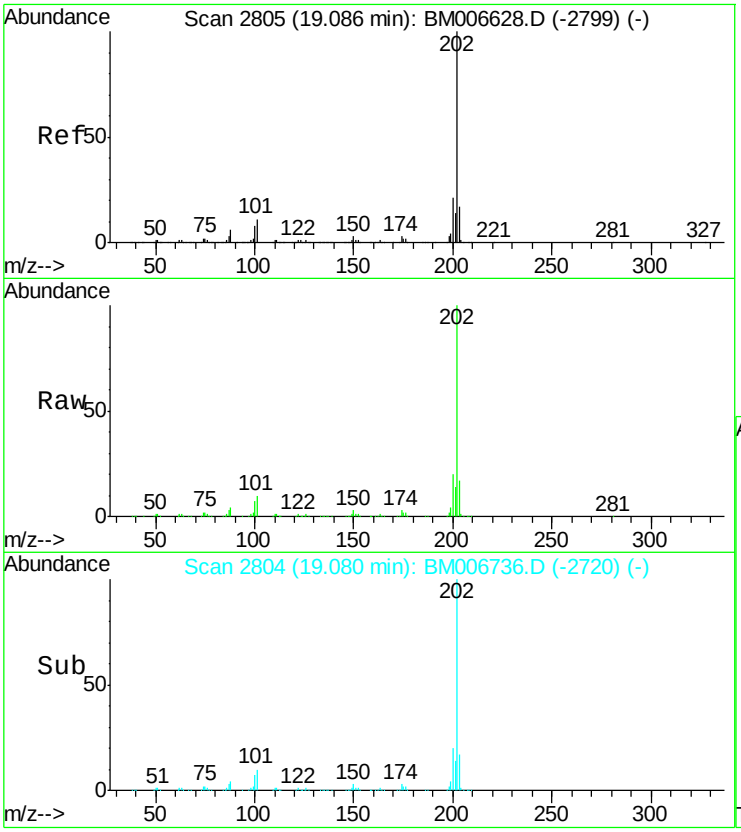


#27
Anthracene
Concen: 19.93 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Tgt Ion:178 Resp: 757092

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.9	19.3
176	18.8	15.6	23.4



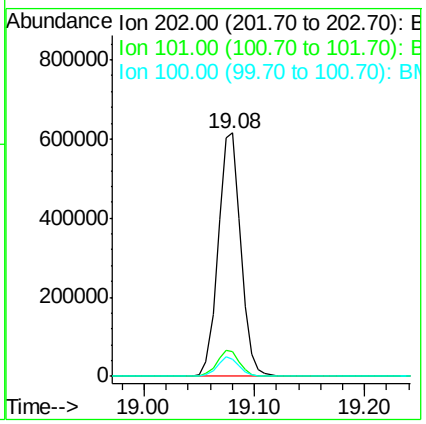


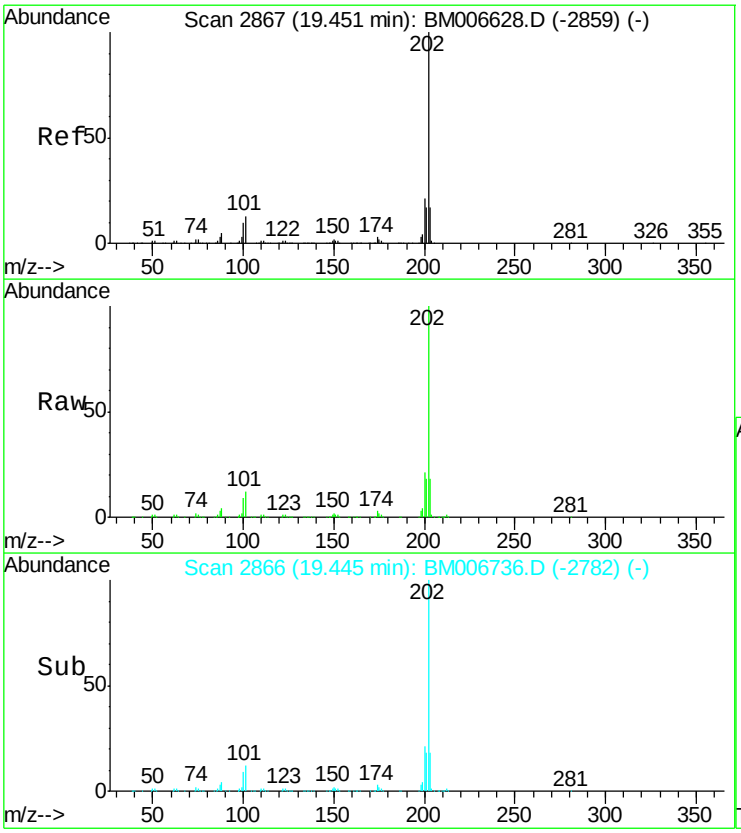
#28
Fluoranthene
Concen: 20.22 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:202 Resp: 876401

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.9	13.3
100	7.3	7.0	10.4

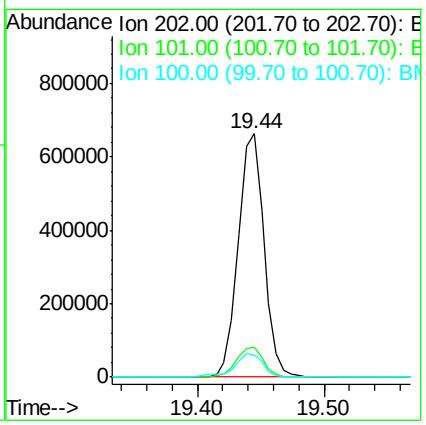


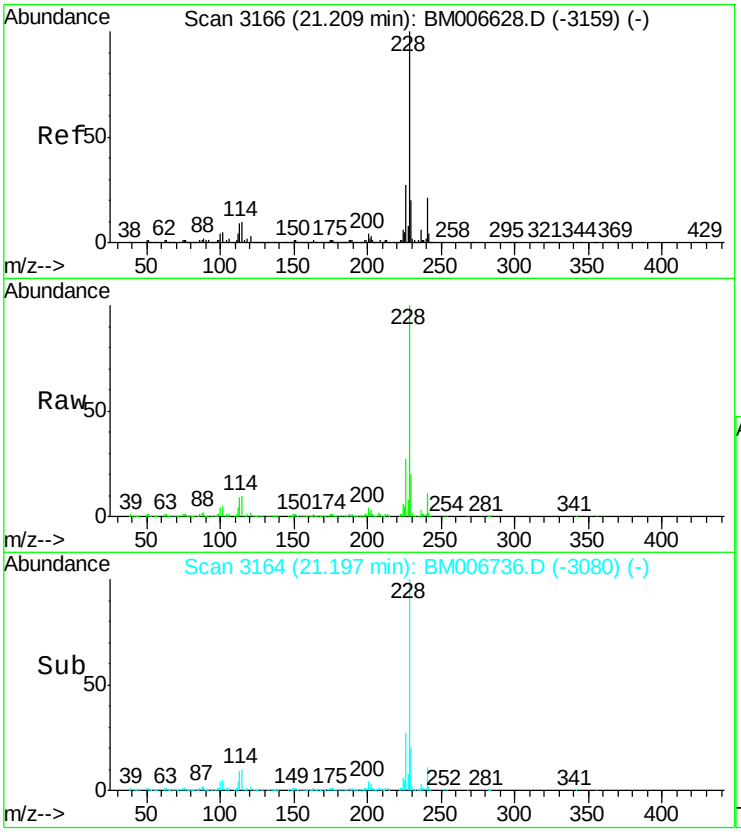


#31
Pyrene
Concen: 19.60 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Tgt Ion:202 Resp: 933086

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
100	9.4	9.3	13.9



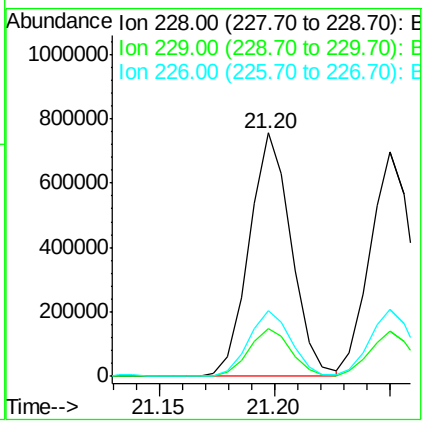


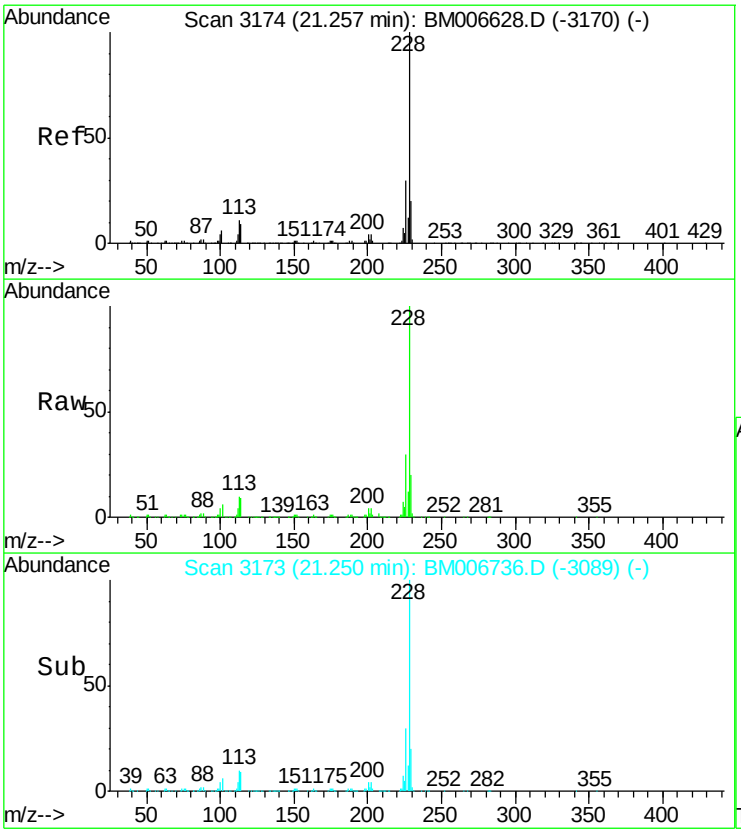
#32
Benzo(a)anthracene
Concen: 20.07 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:228 Resp: 956341

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.6	25.0
226	26.8	21.0	31.4

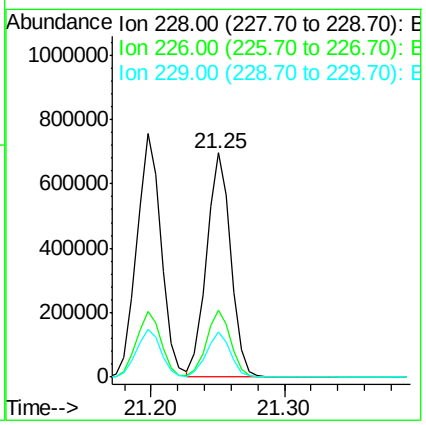


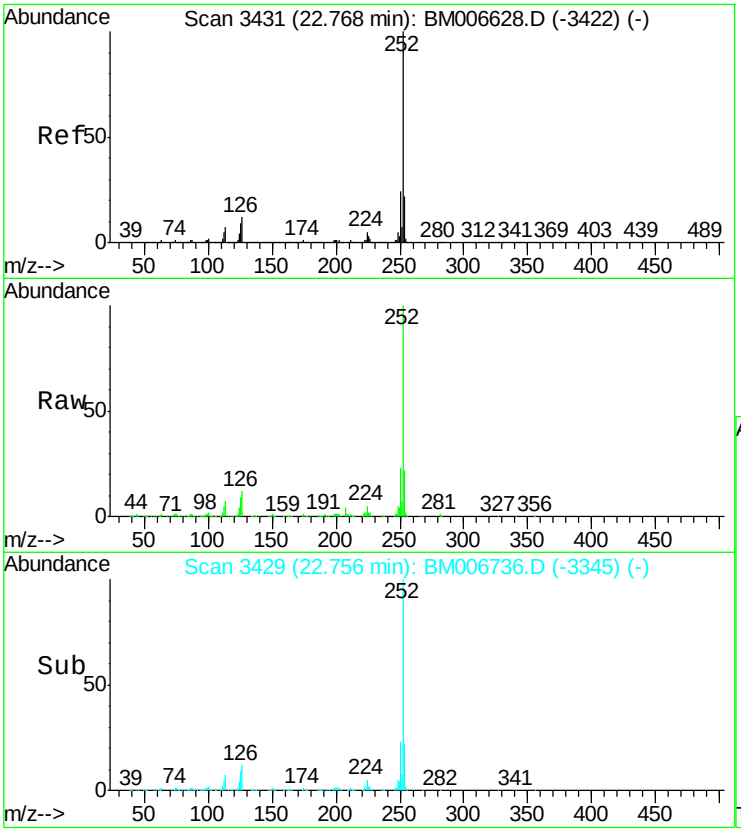


#33
Chrysene
Concen: 20.07 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Tgt Ion:228 Resp: 881563

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	20.0	16.2	24.2



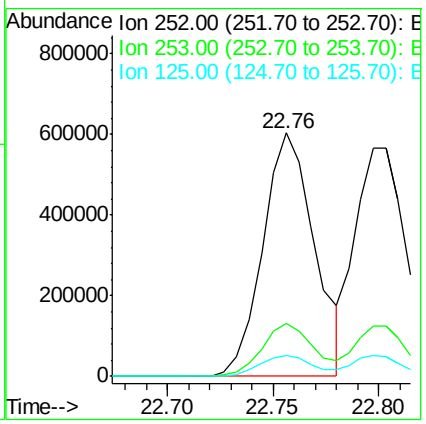


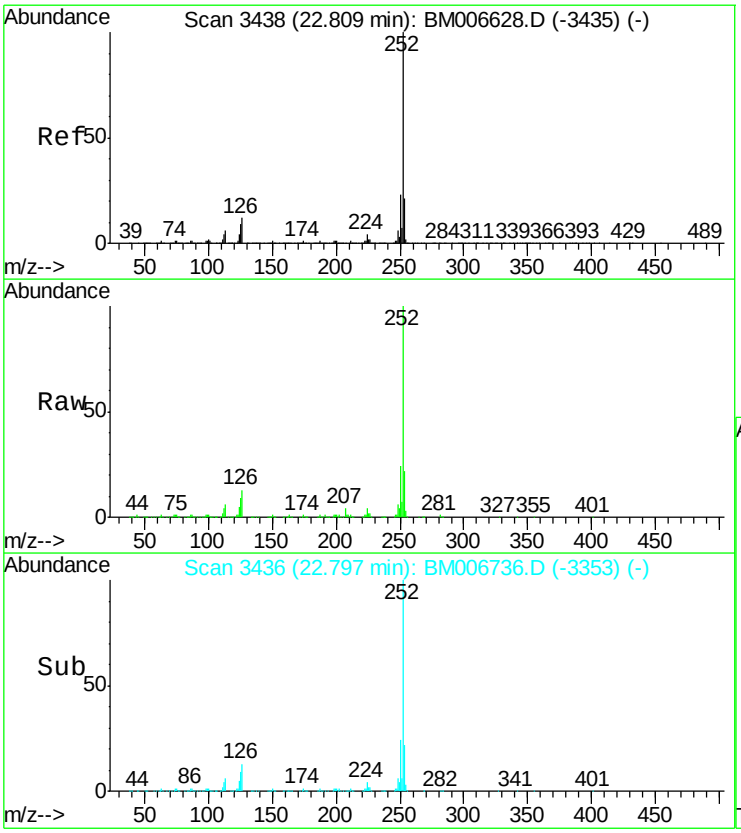
#35
Benzo(b)fluoranthene
Concen: 20.39 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:252 Resp: 1027147

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	8.8	7.6	11.4

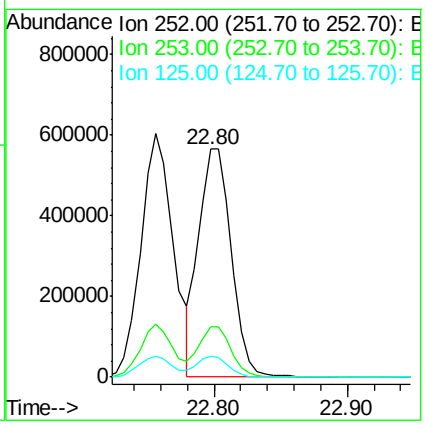


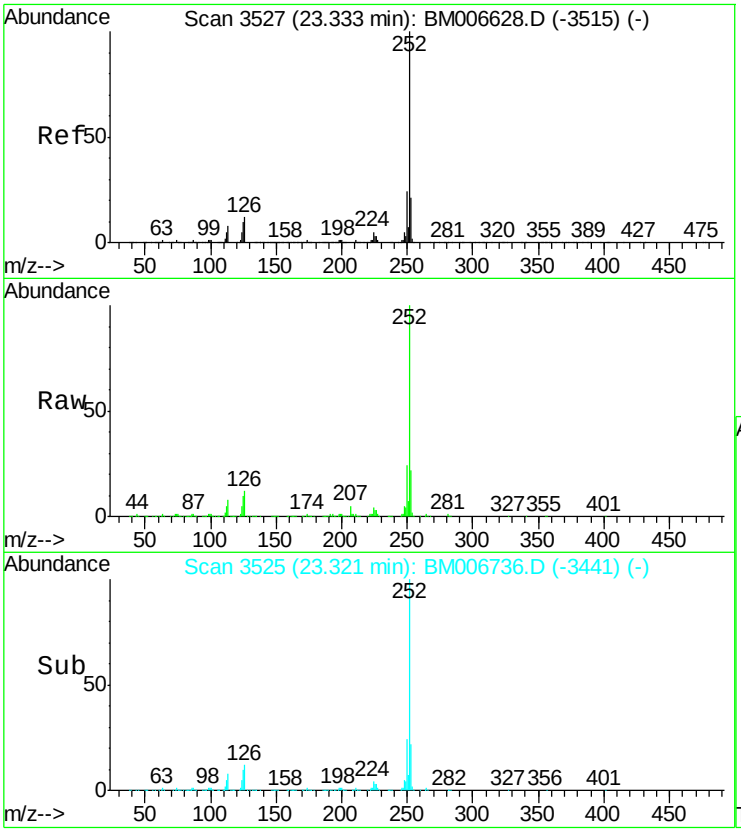


#36
Benzo(k)fluoranthene
Concen: 19.62 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Tgt Ion:252 Resp: 955612

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	9.1	7.7	11.5



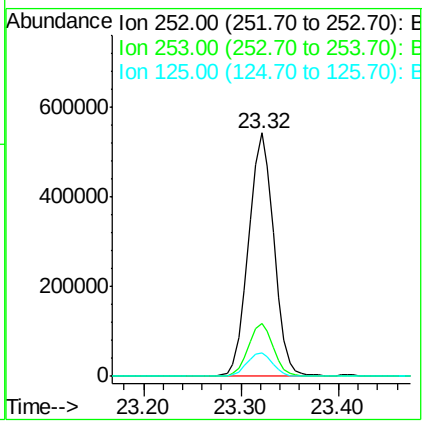


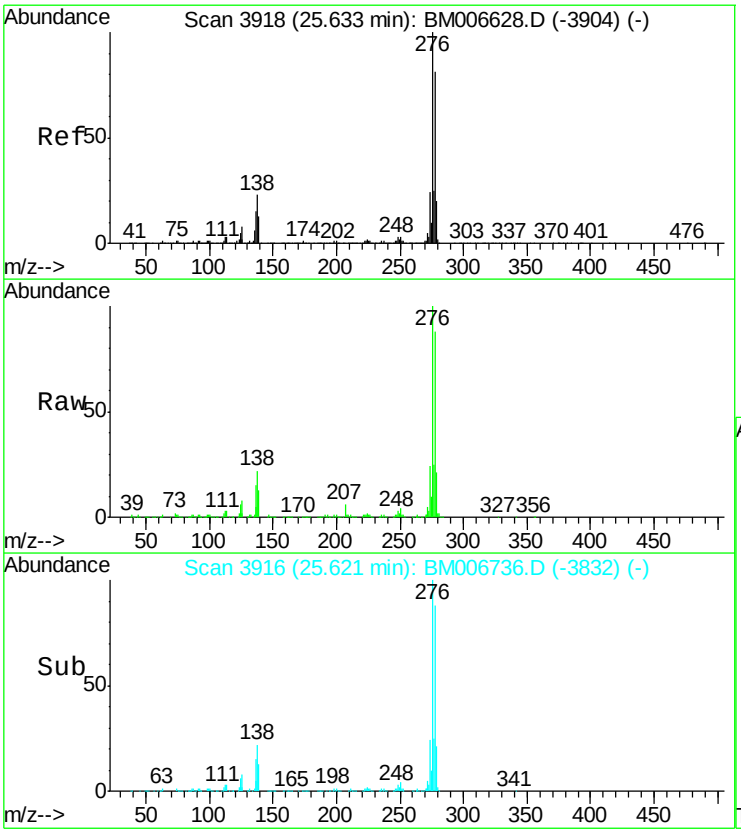
#38
Benzo(a)pyrene
Concen: 20.14 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:252 Resp: 987243

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.5	8.2	12.2

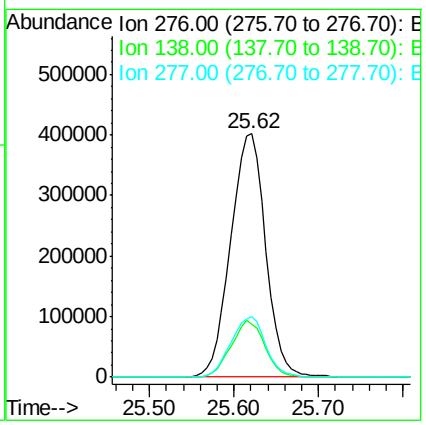


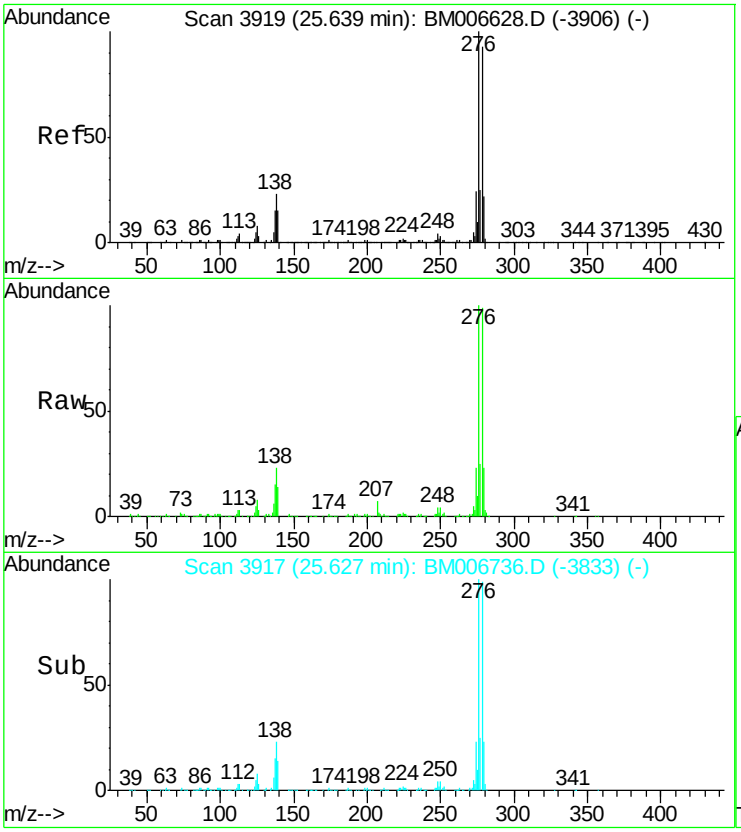


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.34 ng/ul
RT: 25.62 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Tgt Ion:276 Resp: 1154748

Ion	Ratio	Lower	Upper
276	100		
138	21.9	15.8	23.6
277	25.0	19.0	28.6



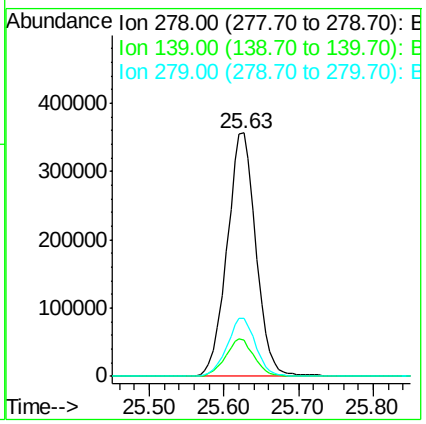


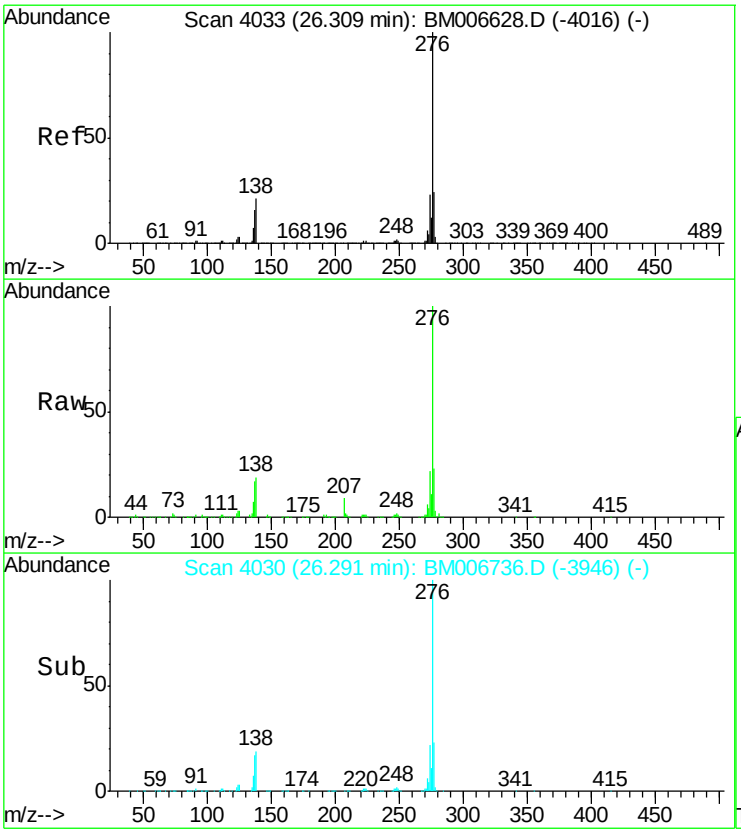
#40
Dibenzo(a,h)anthracene
Concen: 20.36 ng/ul
RT: 25.63 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:278 Resp: 958341

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.1	18.1
279	23.6	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 20.23 ng/ul
RT: 26.29 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM006736.D
Acq: 29 Jul 2016 12:57

Tgt Ion:276 Resp: 984395

Ion	Ratio	Lower	Upper
276	100		
138	19.2	13.9	20.9
277	23.3	19.8	29.6