Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006601.D
Acq On : 21 Jul 2016 23:26
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Quant Time: Jul 22 01:57:45 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	138100	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	597409	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	344897	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	785267	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	888515	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	937661	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	25222	7.39	ng/uL	0.00
3) Phenol-d5	6.79	99	247450	21.06	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	150824	20.72	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	191681	20.42	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	192995	21.18	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	90974	20.12	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	101050	21.01	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	187118	20.59	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	252246	25.20	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	551343	20.39	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	703742	20.39	ng/ul	0.00
20) 4-Nitrophenol-d4	14.48	143	95531	20.34	ng/ul	0.00
21) Fluorene-d10	15.26	176	484484	20.03	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	81148	19.91	ng/ul	0.00
26) Anthracene-d10	17.12	188	751327	20.15	ng/ul	0.00
30) Pyrene-d10	19.42	212	843145	20.83	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	884717	20.51	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.44	128	620228	20.14	ng/ul	98
13) 2-Methylnaphthalene	12.06	142	457659	20.25	ng/ul	99
14) 1-Methylnaphthalene	12.28	142	438318	20.33	ng/ul	92
18) Acenaphthylene	13.98	152	738989	19.99	ng/ul	97
19) Acenaphthene	14.33	153	476331	20.05	ng/ul	95
22) Fluorene	15.32	166	547997	20.47	ng/ul	95
25) Phenanthrene	17.06	178	891424	20.19	ng/ul	99
27) Anthracene	17.14	178	924707	20.33	ng/ul	98
28) Fluoranthene	19.08	202	1061248	20.45	ng/ul	98
31) Pyrene	19.44	202	1106927	20.57	ng/ul	97
32) Benzo(a)anthracene	21.20	228	1090466	20.25	ng/ul	98
33) Chrysene	21.25	228	1011944	20.38	ng/ul	99
35) Benzo(b)fluoranthene	22.76	252	1154477	20.54	ng/ul	97
36) Benzo(k)fluoranthene	22.80	252	1098633	20.21	ng/ul	98
38) Benzo(a)pyrene	23.31	252	1112880	20.34	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.61	276	1289615	20.35	ng/ul#	94
40) Dibenzo(a,h)anthracene	25.61	278	1075026	20.47	ng/ul	98
41) Benzo(g,h,i)perylene	26.28	276	1103986	20.33	ng/ul	98

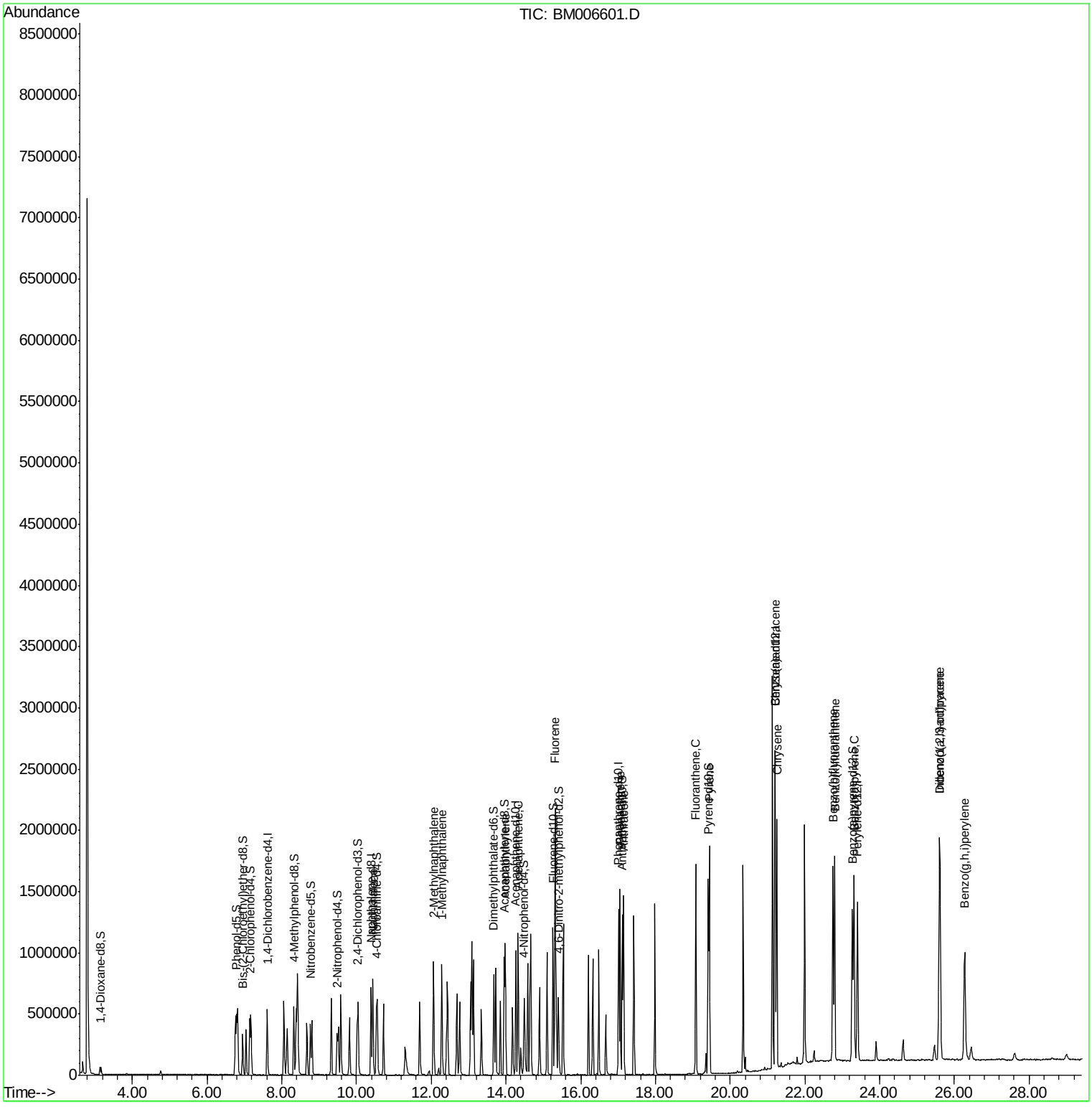
(#) = qualifier out of range (m) = manual integration (+) = signals summed

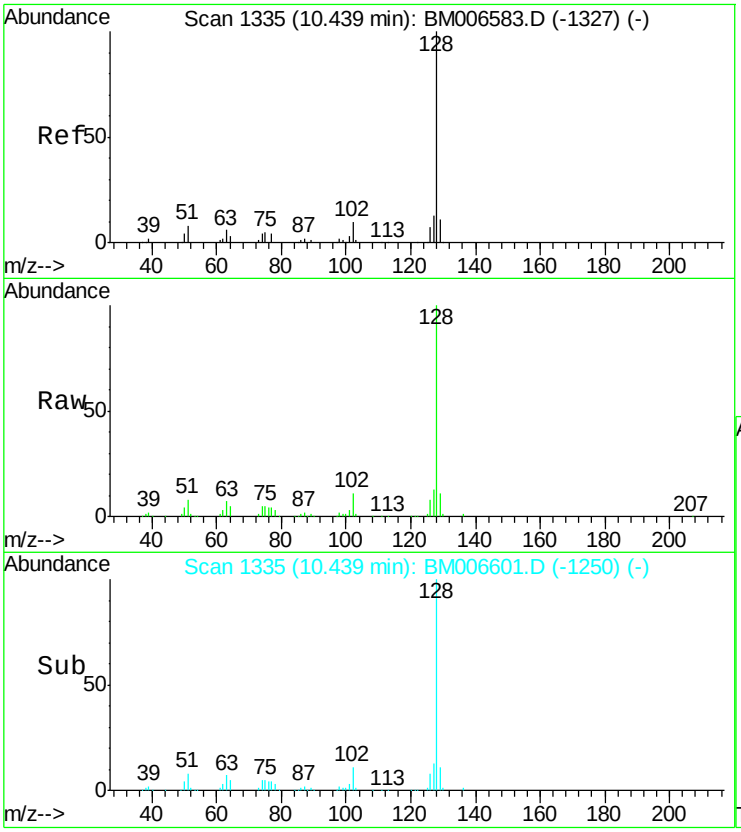
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006601.D
Acq On : 21 Jul 2016 23:26
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Quant Time: Jul 22 01:57:45 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



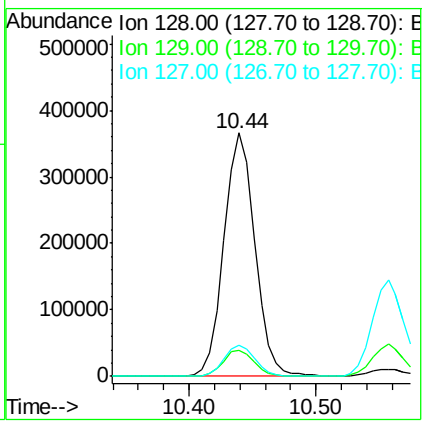


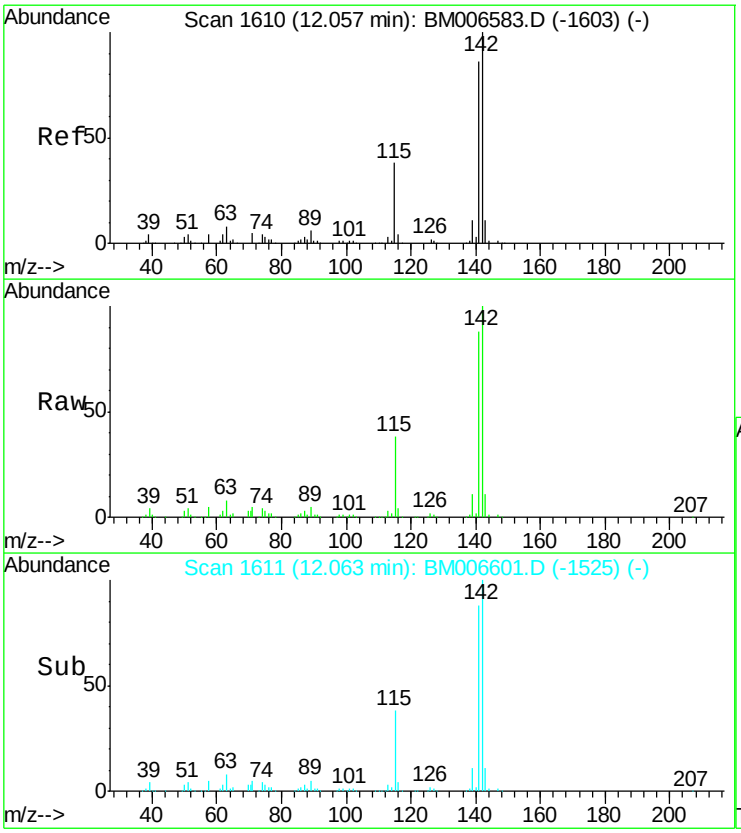
#11
Naphthalene
Concen: 20.14 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:128 Resp: 620228

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	12.8	10.8	16.2

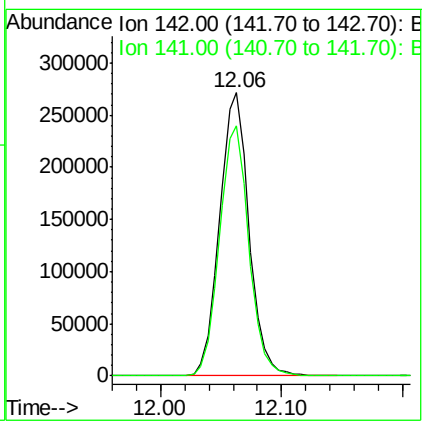


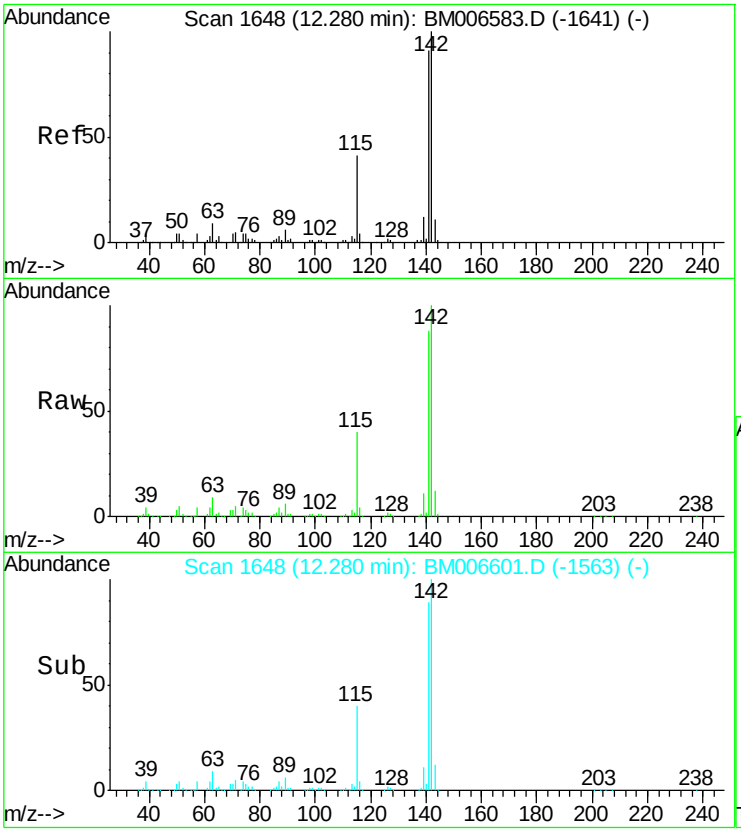


#13
2-Methylnaphthalene
Concen: 20.25 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Tgt Ion:142 Resp: 457659

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9



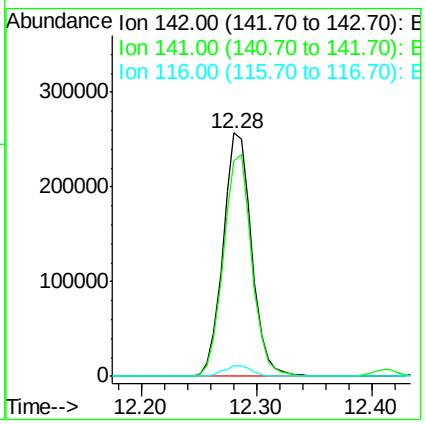


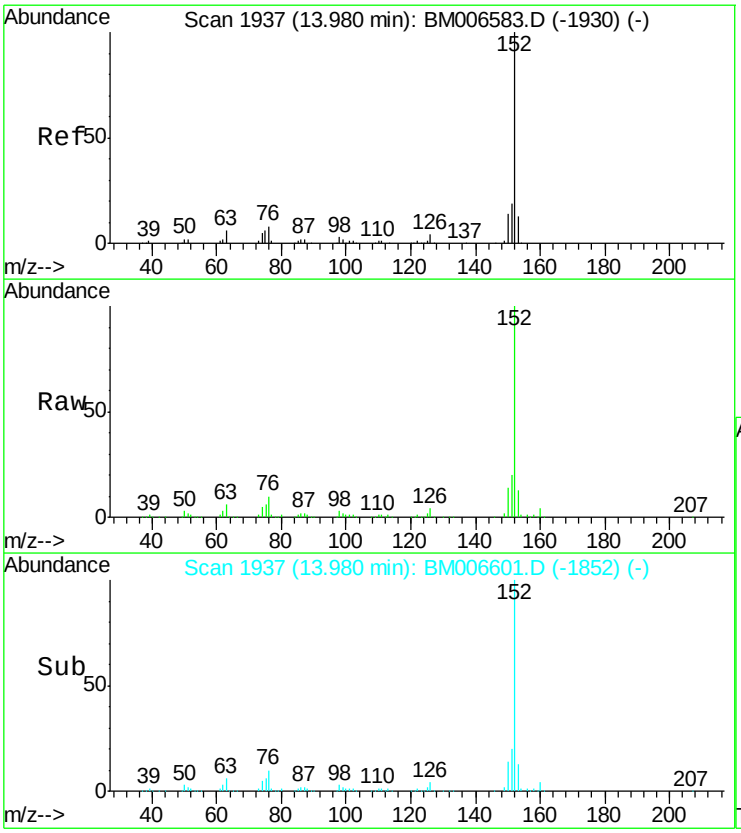
#14
1-Methylnaphthalene
Concen: 20.33 ng/ul
RT: 12.28 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:142 Resp: 438318

Ion	Ratio	Lower	Upper
142	100		
141	88.3	77.0	115.4
116	4.4	4.2	6.4

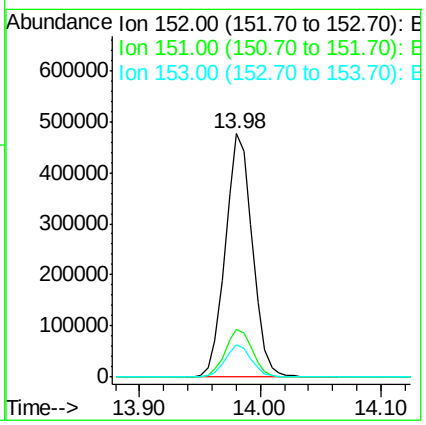


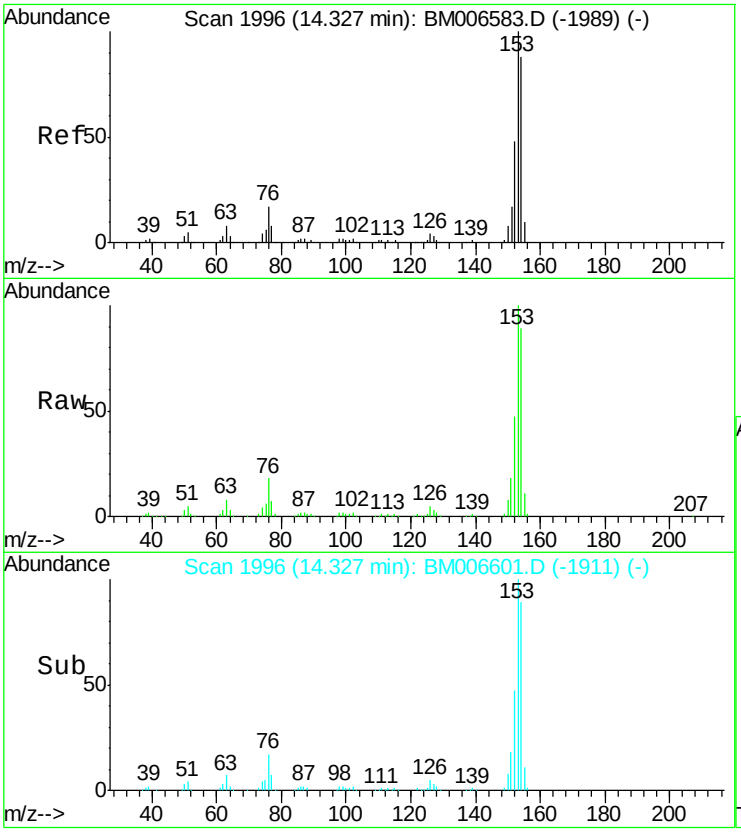


#18
Acenaphthylene
Concen: 19.99 ng/ul
RT: 13.98 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Tgt Ion:152 Resp: 738989

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.3	25.9
153	13.1	11.1	16.7



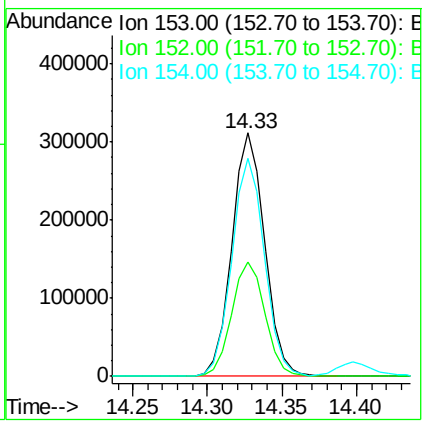


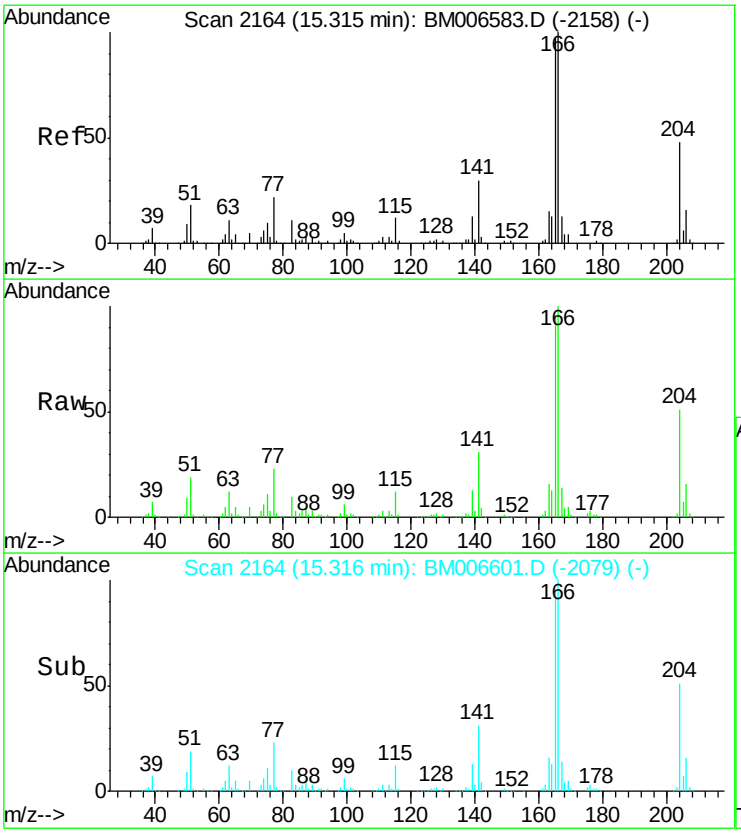
#19
Acenaphthene
Concen: 20.05 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:153 Resp: 476331

Ion	Ratio	Lower	Upper
153	100		
152	47.1	36.5	54.7
154	89.3	67.3	100.9

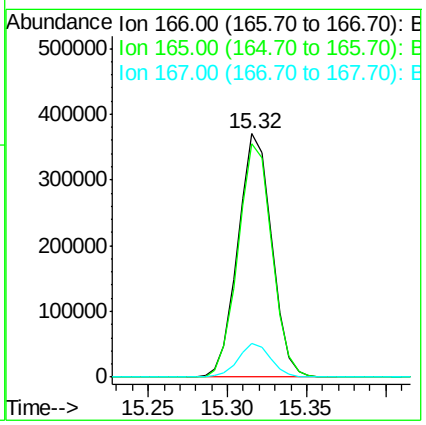


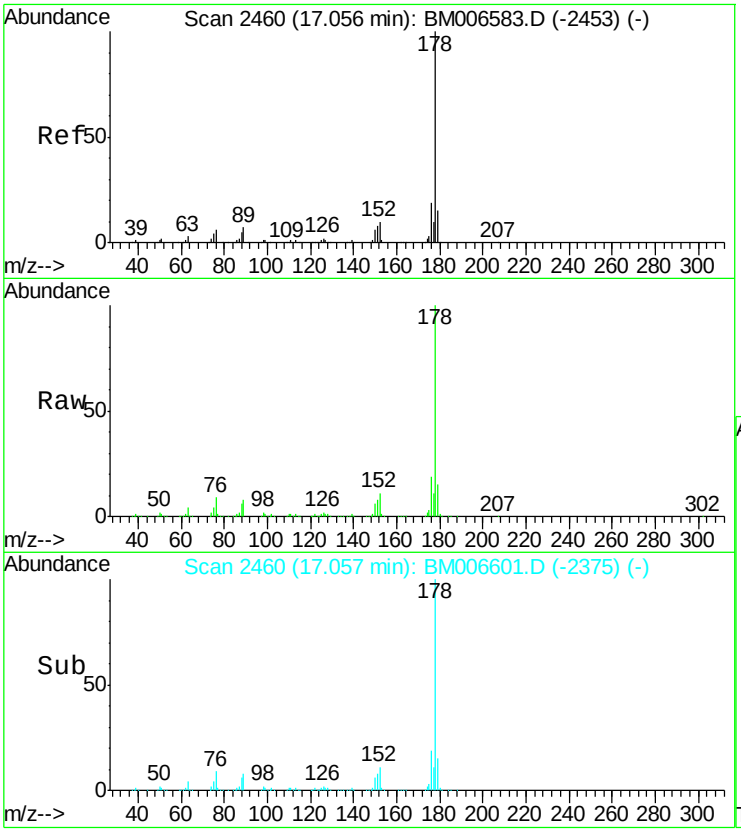


#22
Fluorene
Concen: 20.47 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Tgt Ion:166 Resp: 547997

Ion	Ratio	Lower	Upper
166	100		
165	96.1	81.1	121.7
167	13.7	10.6	16.0



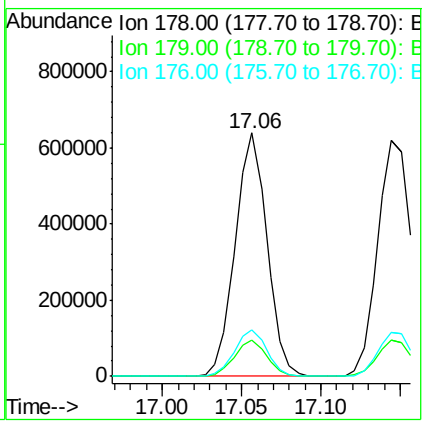


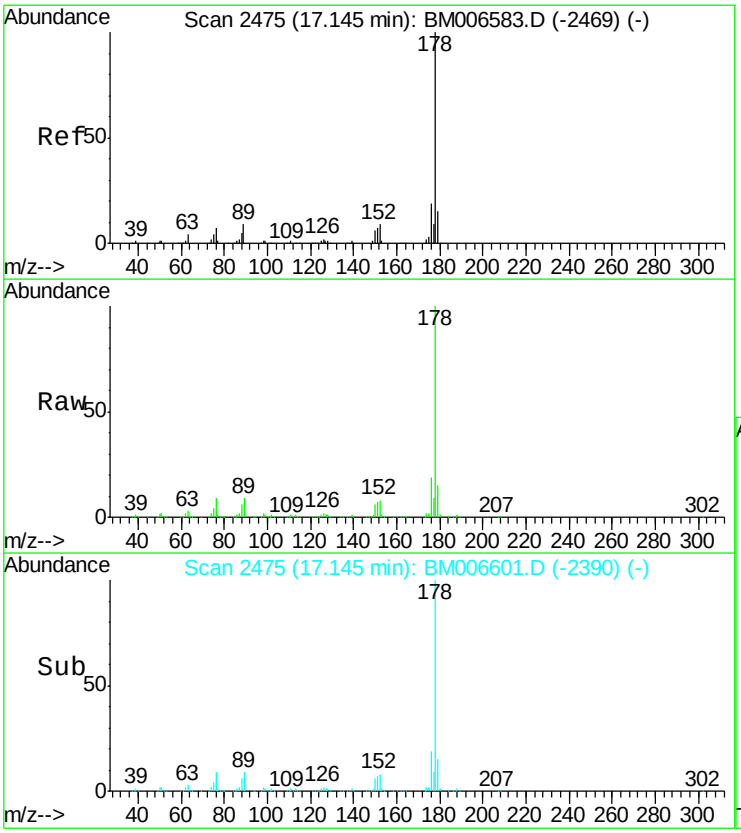
#25
Phenanthrene
Concen: 20.19 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:178 Resp: 891424

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.8	17.8
176	19.0	14.8	22.2

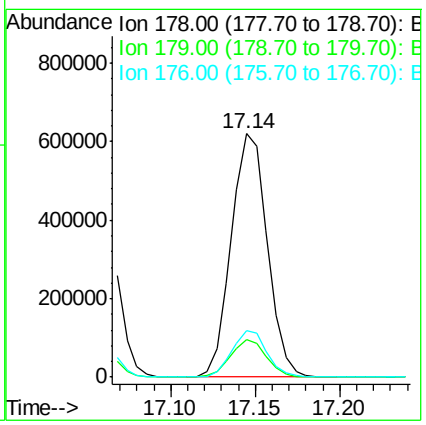


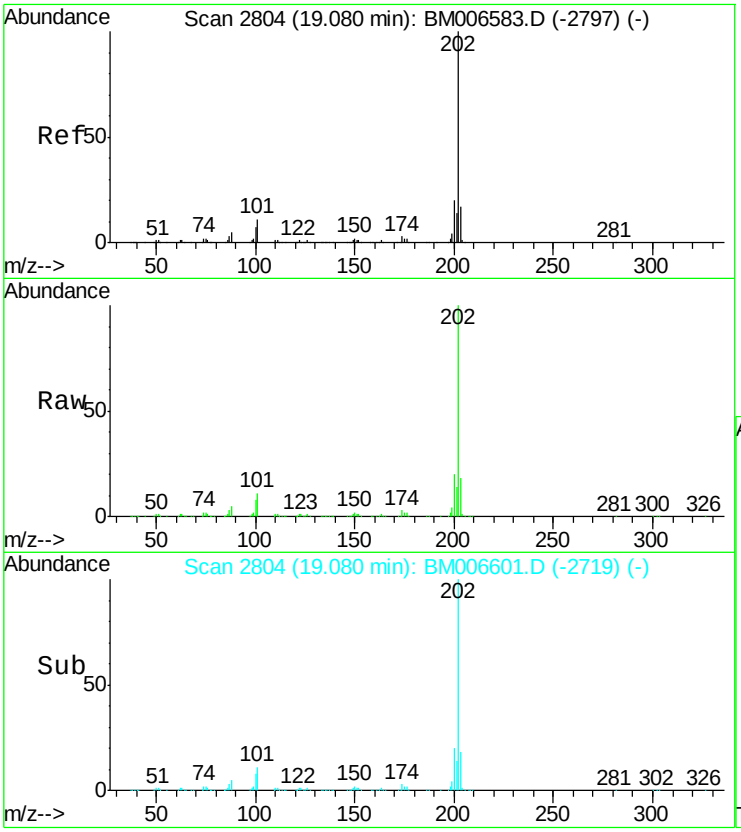


#27
Anthracene
Concen: 20.33 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Tgt Ion:178 Resp: 924707

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	18.9	15.6	23.4



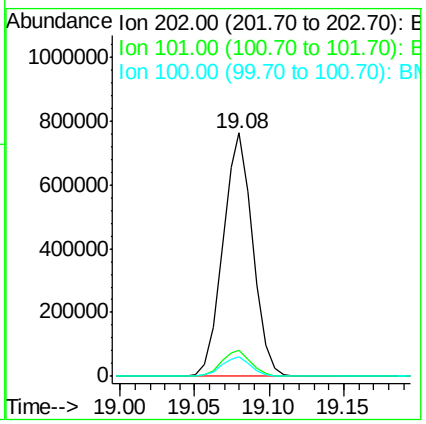


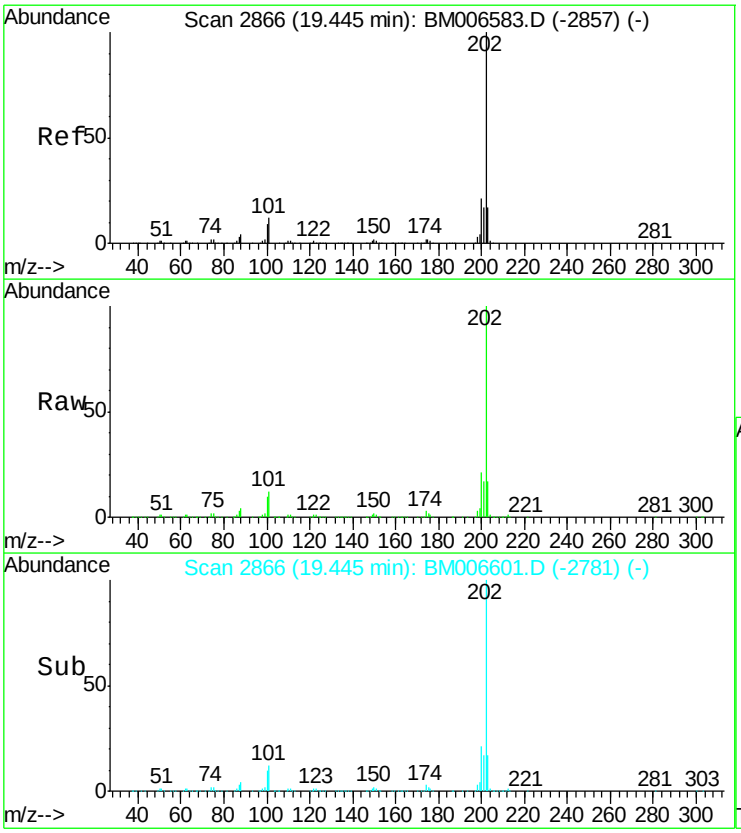
#28
Fluoranthene
Concen: 20.45 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:202 Resp: 1061248

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.9	13.3
100	7.8	7.0	10.4

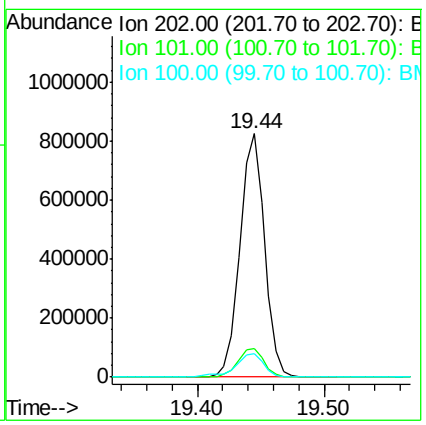


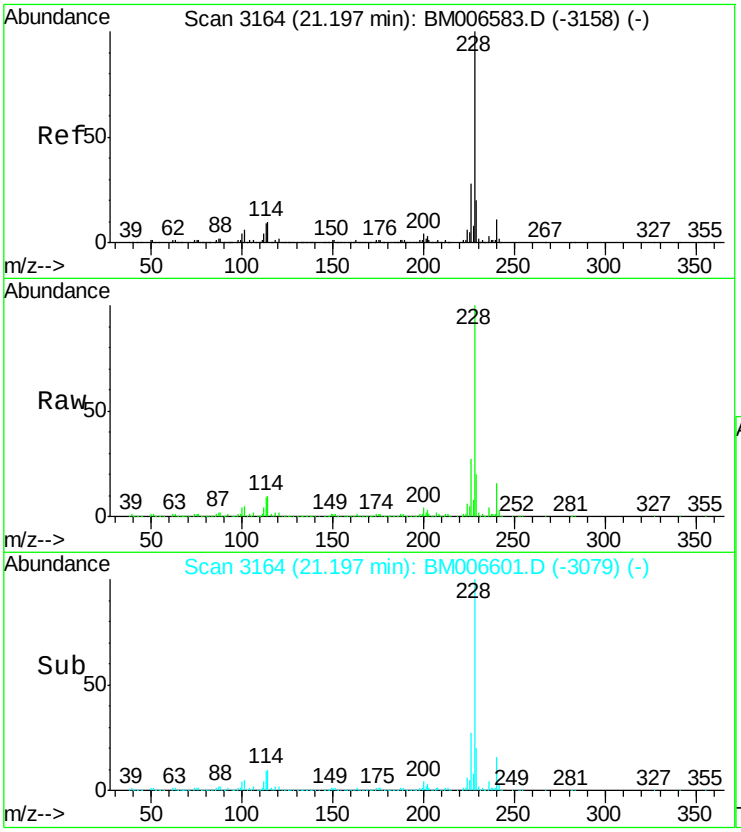


#31
Pyrene
Concen: 20.57 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Tgt Ion:202 Resp: 1106927

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
100	9.8	9.3	13.9



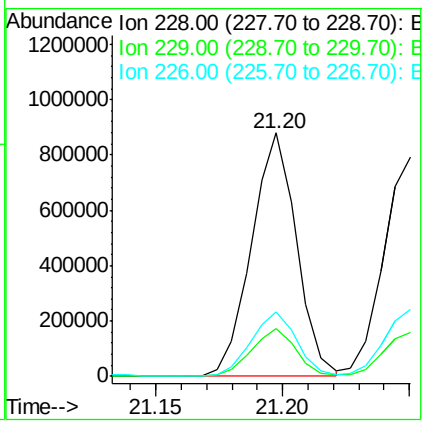


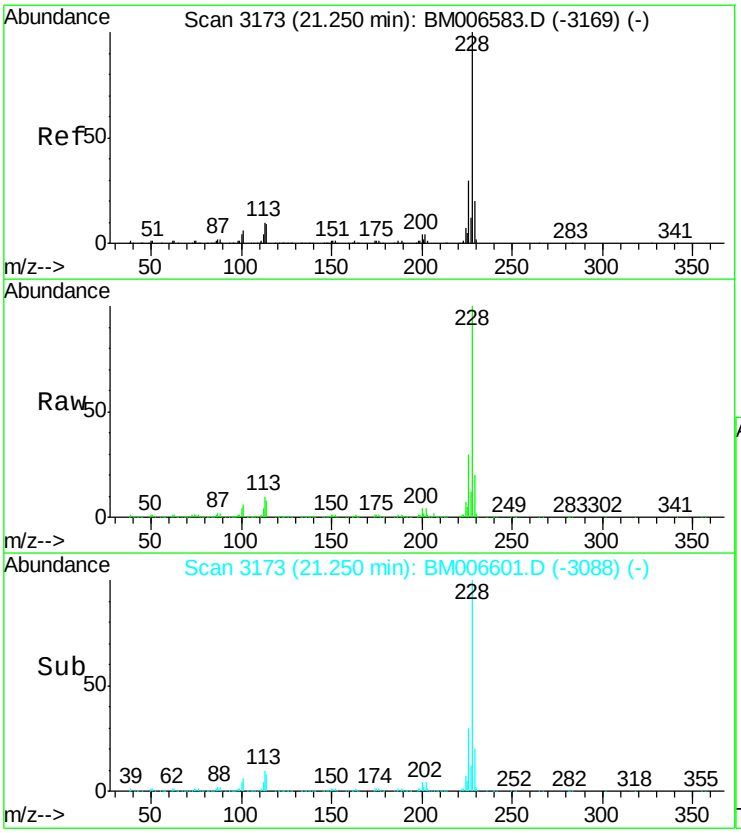
#32
Benzo(a)anthracene
Concen: 20.25 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:228 Resp: 1090466

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.6	25.0
226	26.7	21.0	31.4

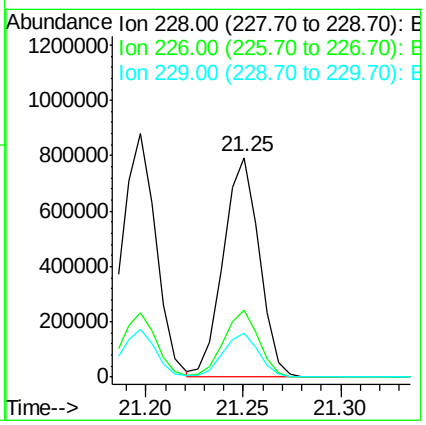


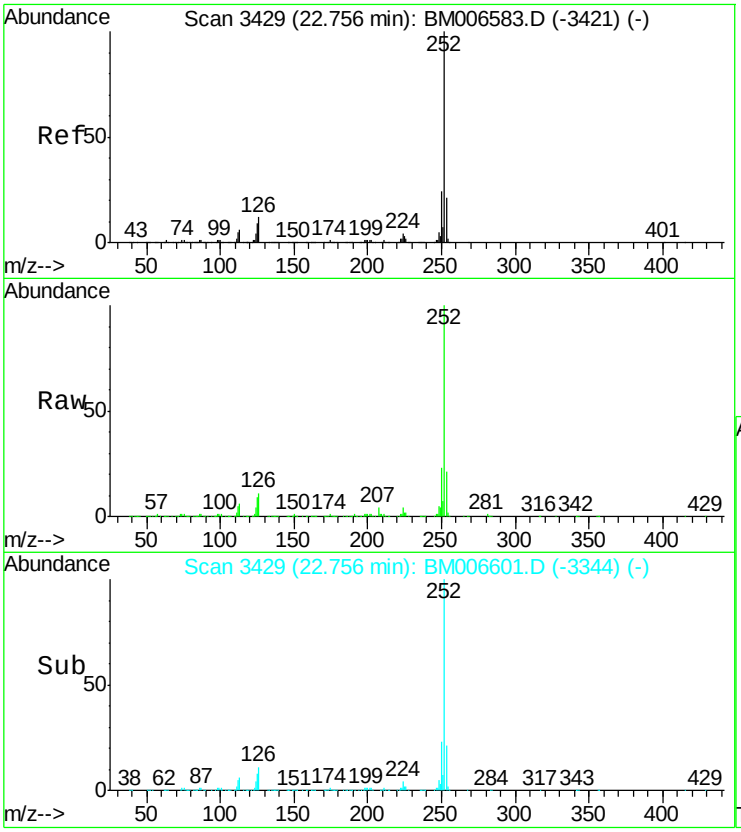


#33
Chrysene
Concen: 20.38 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Tgt Ion:228 Resp: 1011944

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	20.1	16.2	24.2



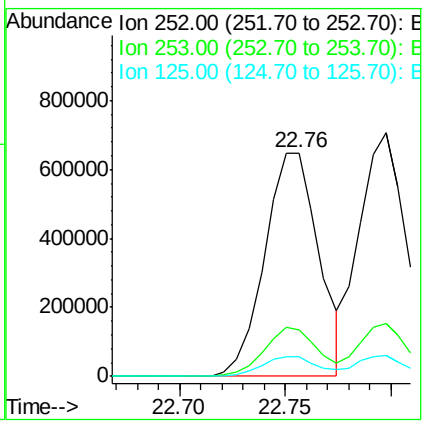


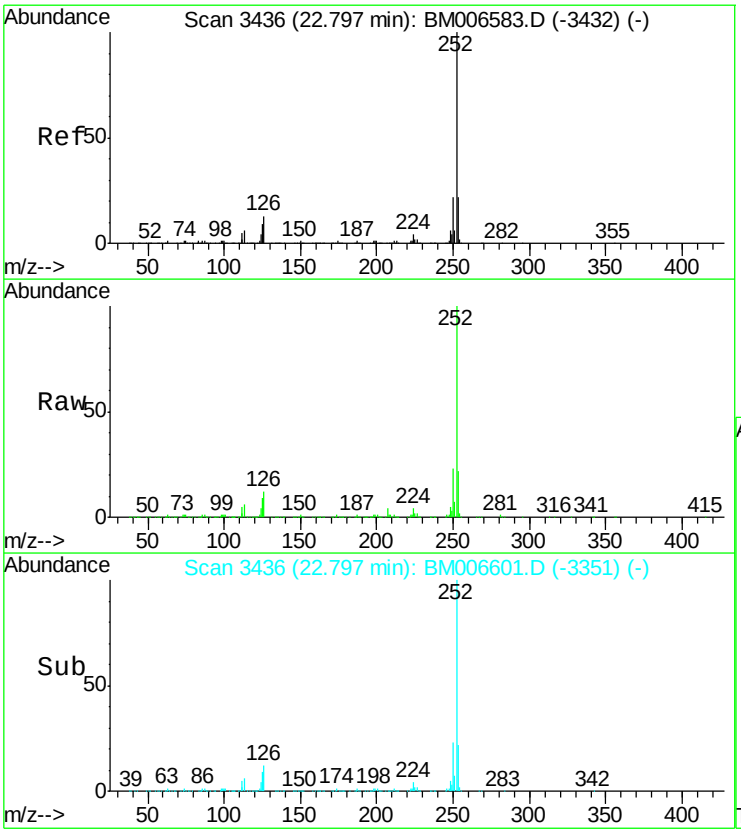
#35
Benzo(b)fluoranthene
Concen: 20.54 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:252 Resp: 1154477

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.1	27.1
125	8.5	7.6	11.4

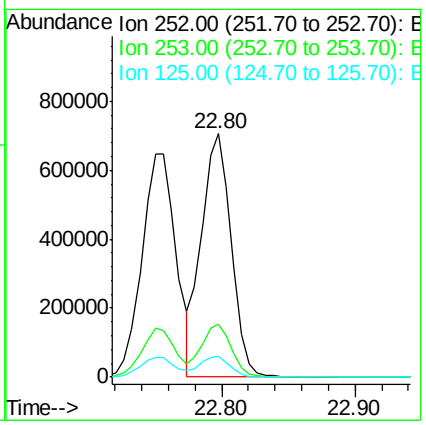


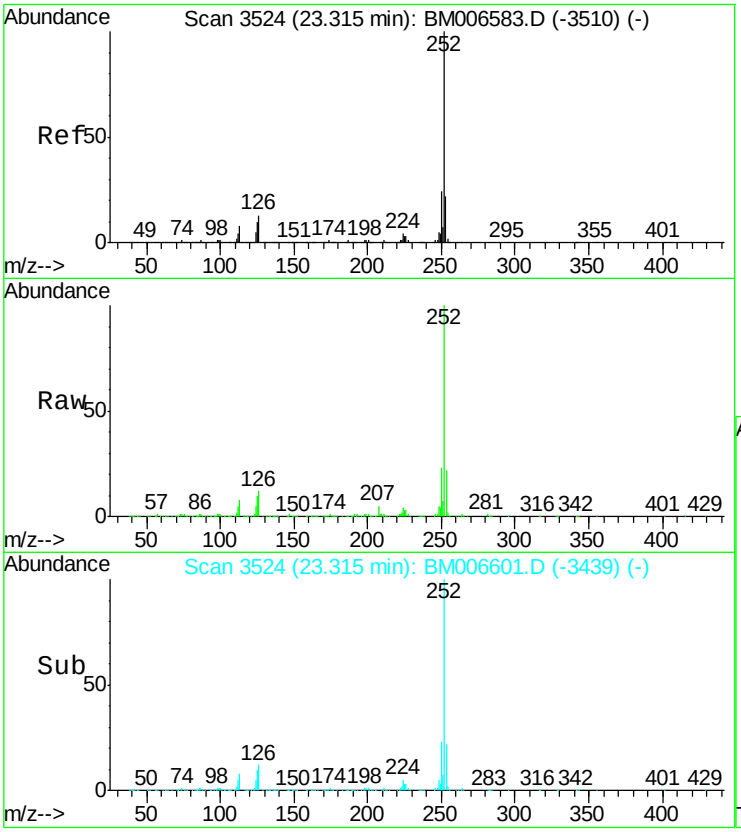


#36
Benzo(k)fluoranthene
Concen: 20.21 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Tgt Ion:252 Resp: 1098633

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.6	7.7	11.5



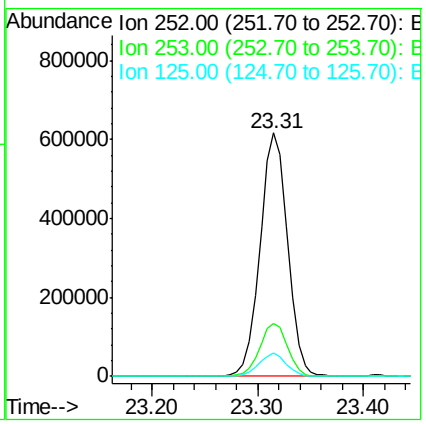


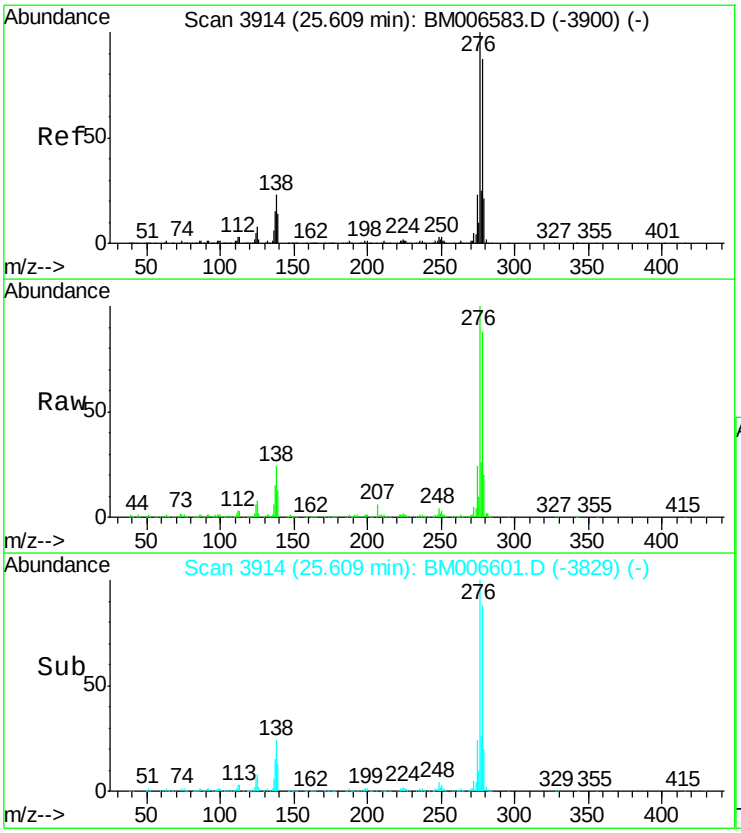
#38
Benzo(a)pyrene
Concen: 20.34 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:252 Resp: 1112880

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.7	8.2	12.2

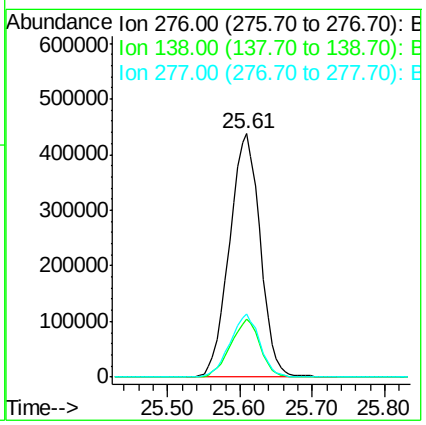


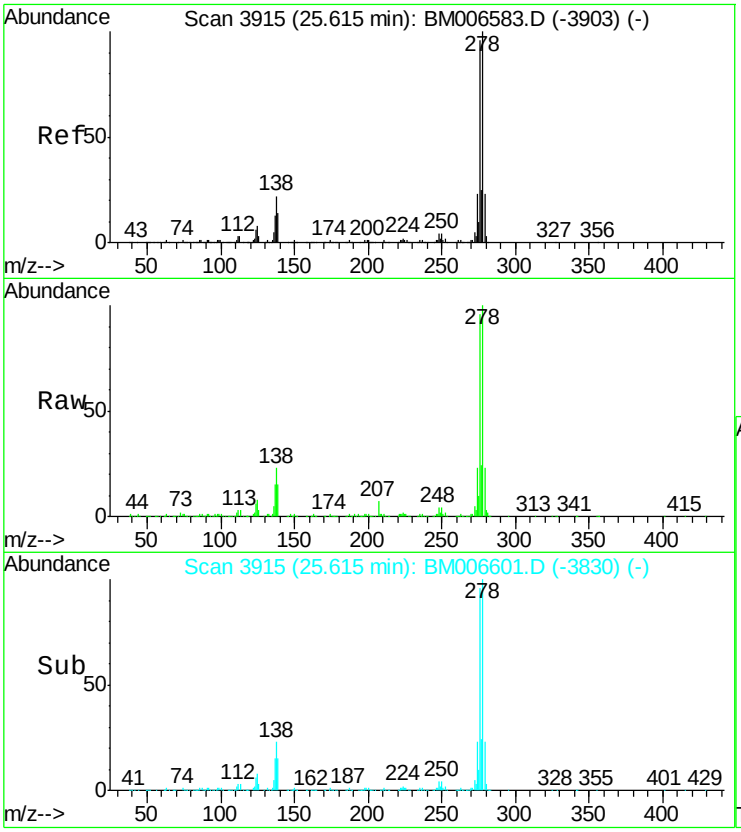


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.35 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Tgt Ion:276 Resp: 1289615

Ion	Ratio	Lower	Upper
276	100		
138	23.8	15.8	23.6#
277	25.8	19.0	28.6



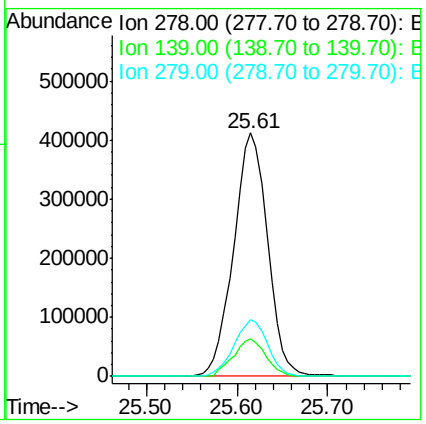


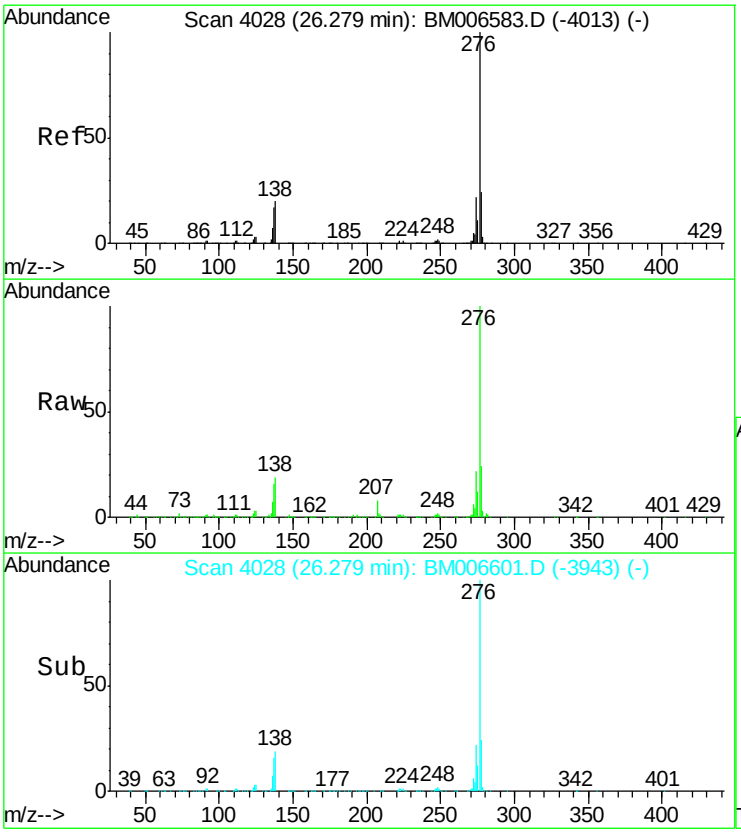
#40
Dibenzo(a,h)anthracene
Concen: 20.47 ng/ul
RT: 25.61 min Scan# 3915
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:278 Resp: 1075026

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.1	18.1
279	23.5	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 20.33 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. 0.00 min
Lab File: BM006601.D
Acq: 21 Jul 2016 23:26

Tgt Ion:276 Resp: 1103986

Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.9	20.9
277	24.2	19.8	29.6