Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006589.D
Acq On : 21 Jul 2016 16:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: Jul 22 01:56:15 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	121711	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	513909	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	287537	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	662008	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	777267	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	812079	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	24088	8.00	ng/uL	0.00
3) Phenol-d5	6.79	99	211187	20.40	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	134152	20.91	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	167452	20.24	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	162553	20.24	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	76981	19.79	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	82989	20.06	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	159536	20.41	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	213820	24.84	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	455682	20.21	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	585108	20.33	ng/ul	0.00
20) 4-Nitrophenol-d4	14.48	143	77040	19.67	ng/ul	0.00
21) Fluorene-d10	15.26	176	406521	20.16	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	62815	18.28	ng/ul	0.00
26) Anthracene-d10	17.11	188	634422	20.18	ng/ul	0.00
30) Pyrene-d10	19.42	212	714896	20.19	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	761193	20.38	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.44	128	530143	20.01	ng/ul	98
13) 2-Methylnaphthalene	12.06	142	386536	19.88	ng/ul	99
14) 1-Methylnaphthalene	12.28	142	371664	20.04	ng/ul#	96
18) Acenaphthylene	13.98	152	627005	20.35	ng/ul	95
19) Acenaphthene	14.33	153	396682	20.03	ng/ul	94
22) Fluorene	15.32	166	456912	20.47	ng/ul	97
25) Phenanthrene	17.06	178	737403	19.81	ng/ul	98
27) Anthracene	17.14	178	770588	20.10	ng/ul	99
28) Fluoranthene	19.08	202	898620	20.54	ng/ul	97
31) Pyrene	19.44	202	954136	20.27	ng/ul	97
32) Benzo(a)anthracene	21.20	228	943496	20.03	ng/ul	97
33) Chrysene	21.25	228	881576	20.30	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	987684	20.29	ng/ul	96
36) Benzo(k)fluoranthene	22.80	252	959597	20.39	ng/ul	99
38) Benzo(a)pyrene	23.32	252	960690	20.28	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.61	276	1114253	20.31	ng/ul	94
40) Dibenzo(a,h)anthracene	25.61	278	924458	20.33	ng/ul	99
41) Benzo(g,h,i)perylene	26.28	276	947086	20.14	ng/ul	96

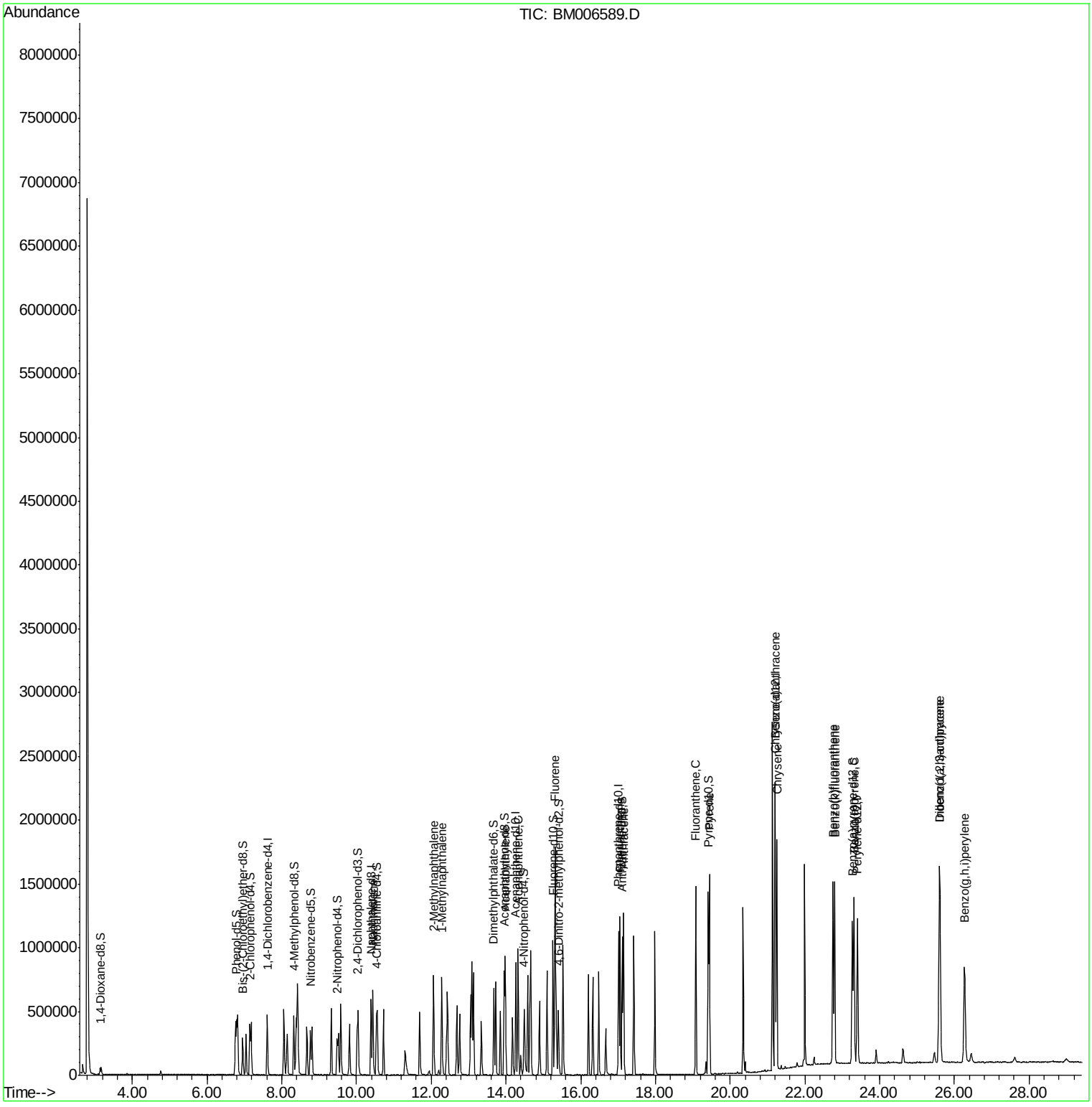
(#) = qualifier out of range (m) = manual integration (+) = signals summed

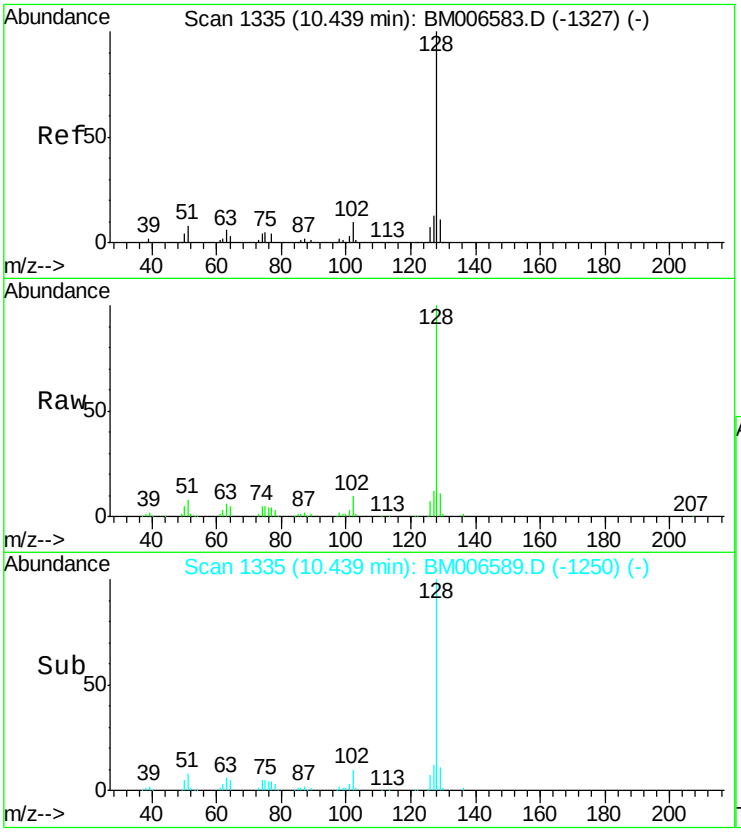
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006589.D
Acq On : 21 Jul 2016 16:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Quant Time: Jul 22 01:56:15 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



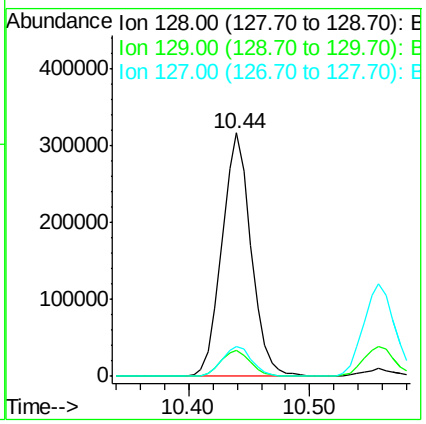


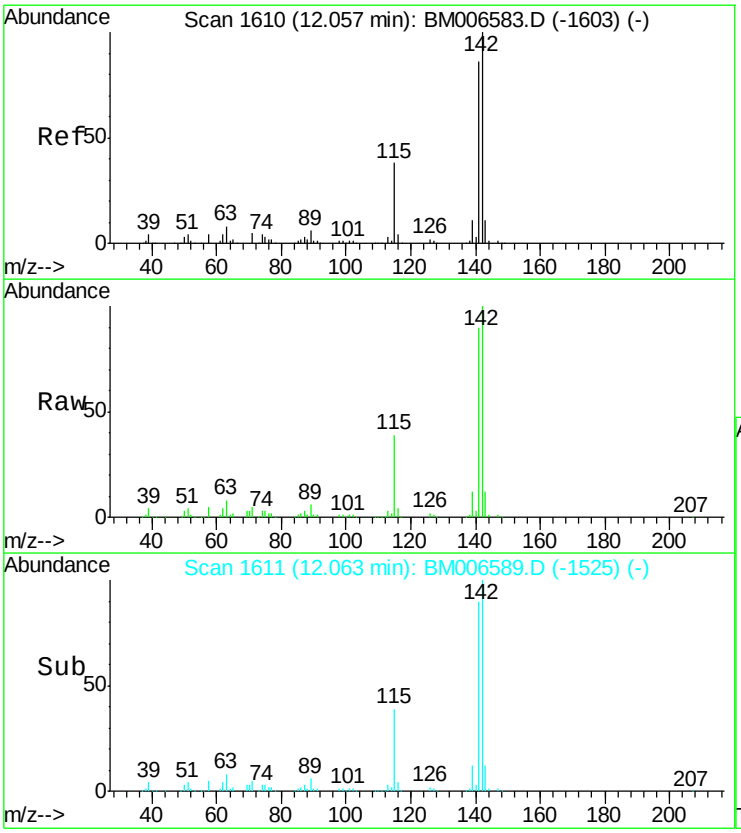
#11
Naphthalene
Concen: 20.01 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:128 Resp: 530143

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	12.4	10.8	16.2

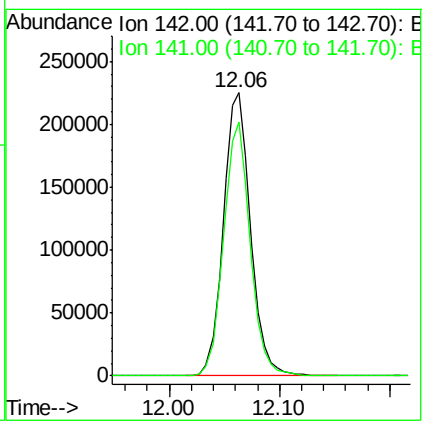


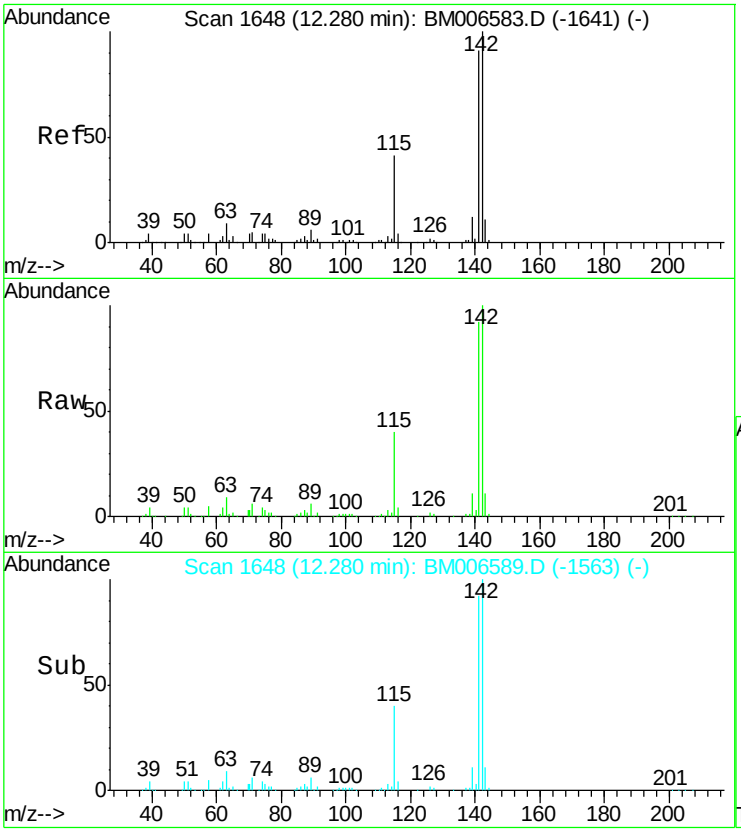


#13
2-Methylnaphthalene
Concen: 19.88 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Tgt Ion:142 Resp: 386536

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9



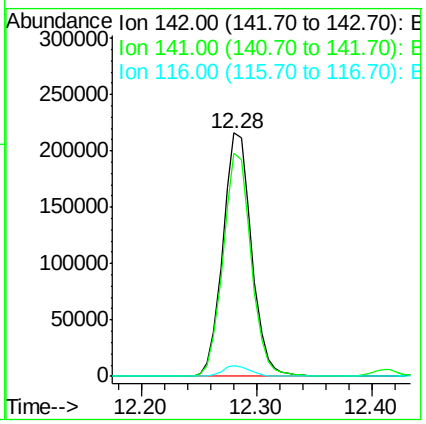


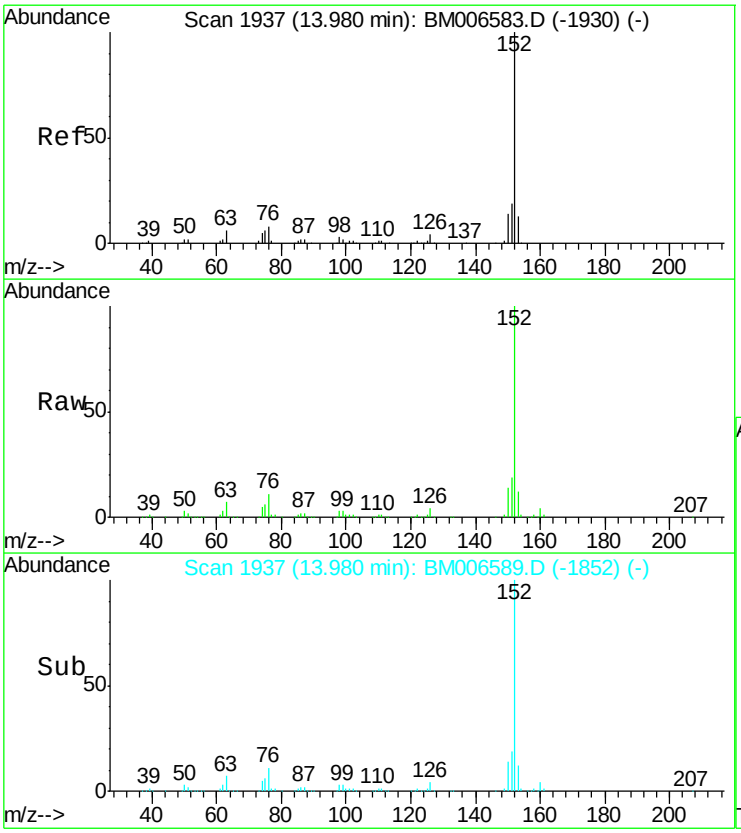
#14
1-Methylnaphthalene
Concen: 20.04 ng/ul
RT: 12.28 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:142 Resp: 371664

Ion	Ratio	Lower	Upper
142	100		
141	91.9	77.0	115.4
116	4.1	4.2	6.4#

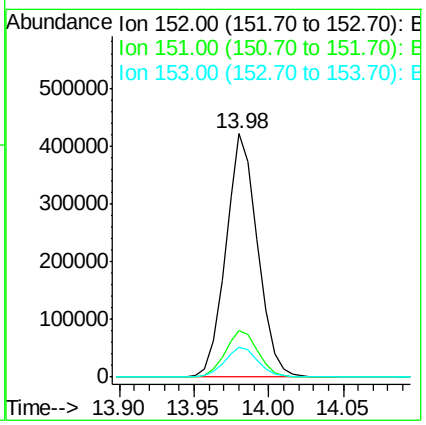


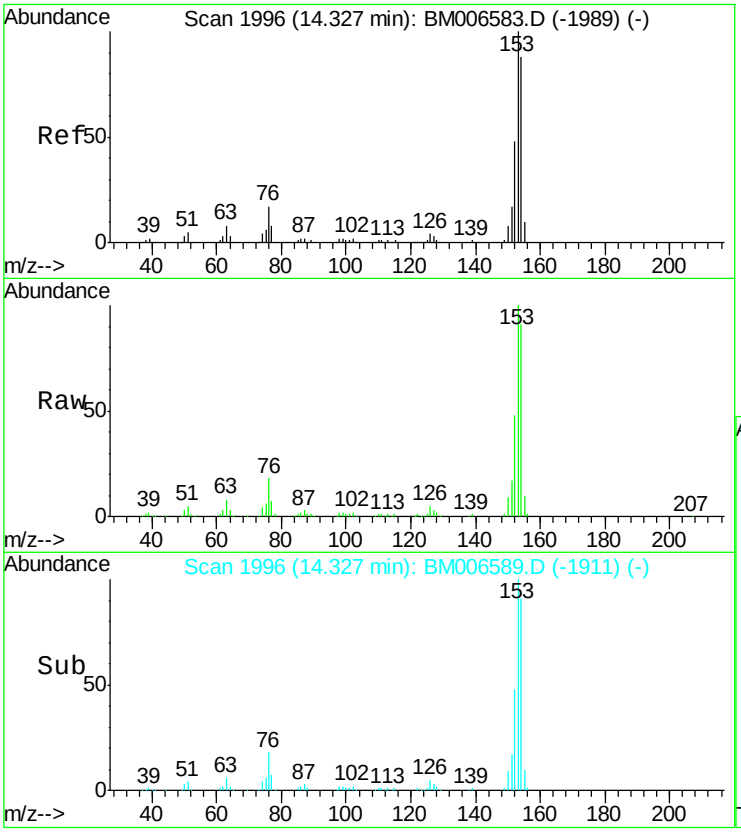


#18
Acenaphthylene
Concen: 20.35 ng/ul
RT: 13.98 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Tgt Ion:152 Resp: 627005

Ion	Ratio	Lower	Upper
152	100		
151	19.2	17.3	25.9
153	12.3	11.1	16.7



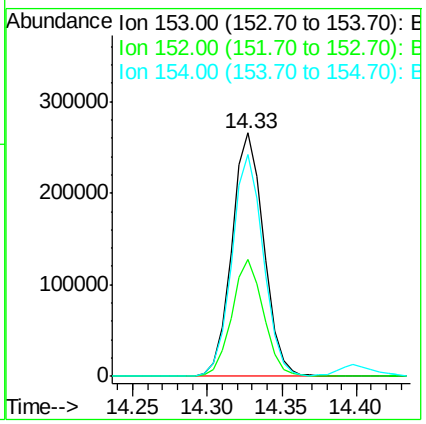


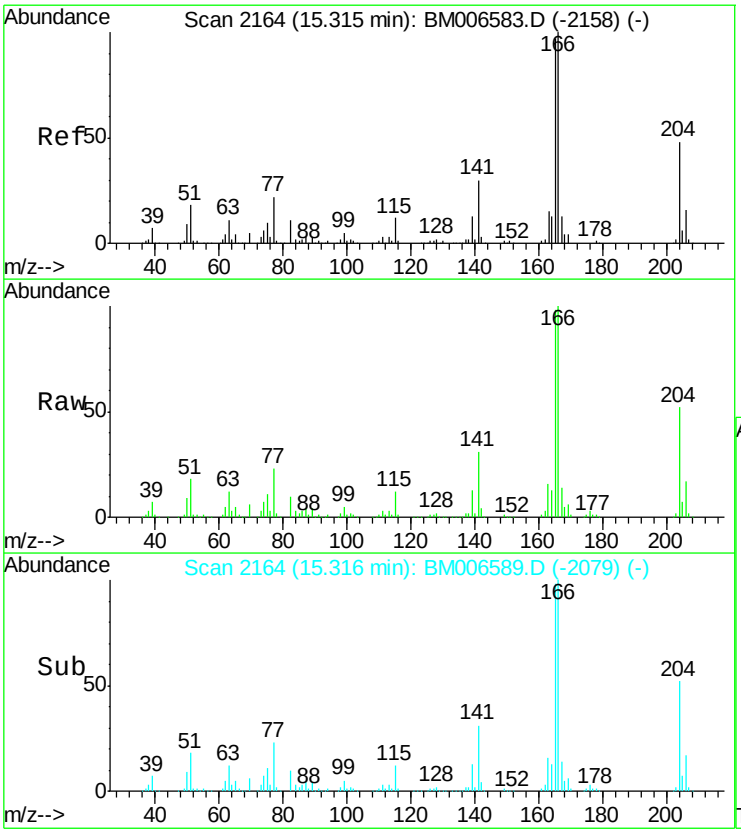
#19
Acenaphthene
Concen: 20.03 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:153 Resp: 396682

Ion	Ratio	Lower	Upper
153	100		
152	48.1	36.5	54.7
154	90.9	67.3	100.9

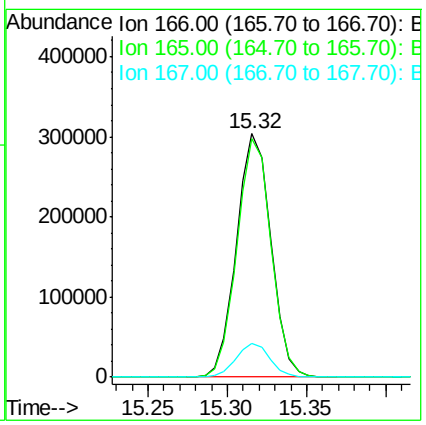


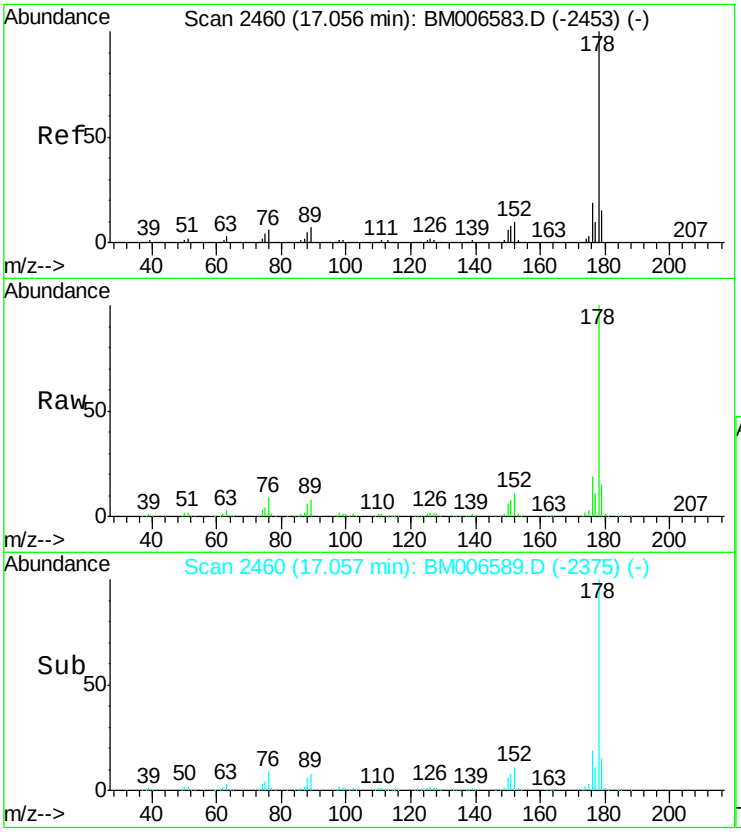


#22
Fluorene
Concen: 20.47 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Tgt Ion:166 Resp: 456912

Ion	Ratio	Lower	Upper
166	100		
165	98.1	81.1	121.7
167	13.6	10.6	16.0



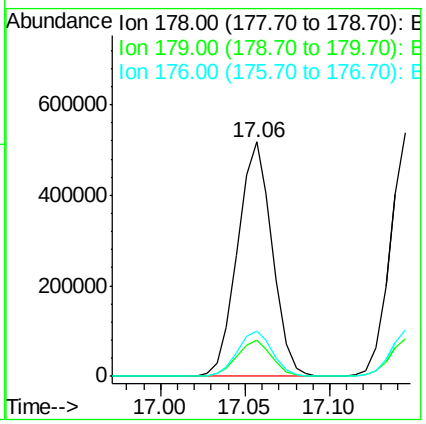


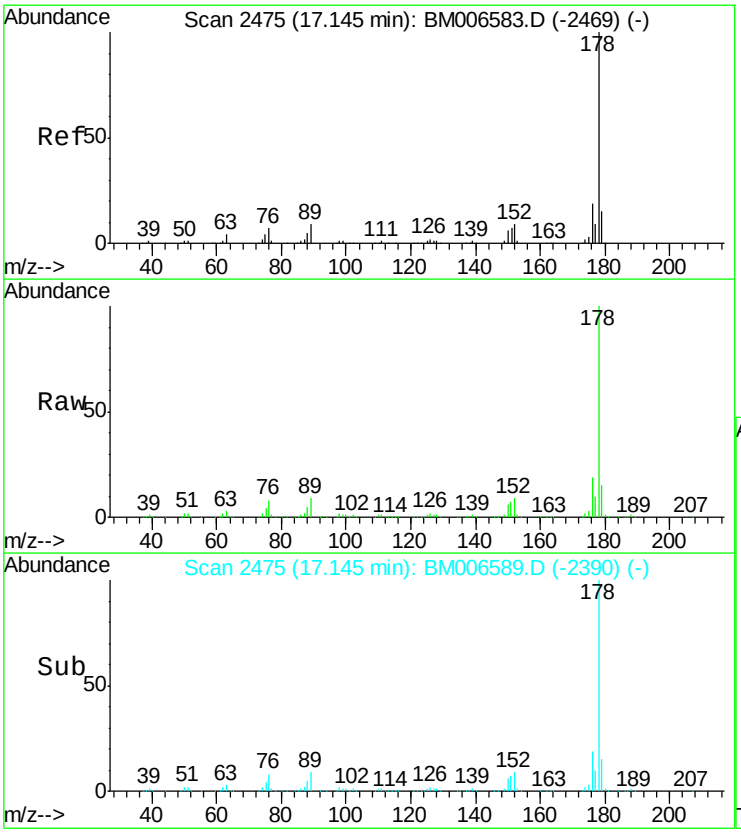
#25
Phenanthrene
Concen: 19.81 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:178 Resp: 737403

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	19.4	14.8	22.2

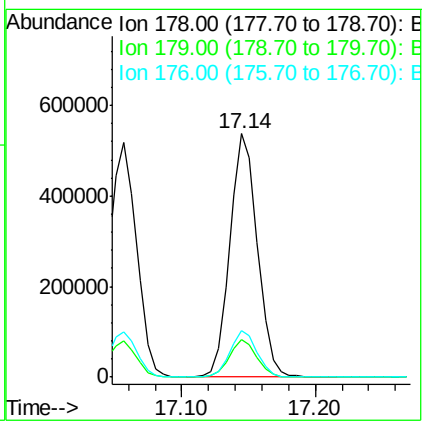


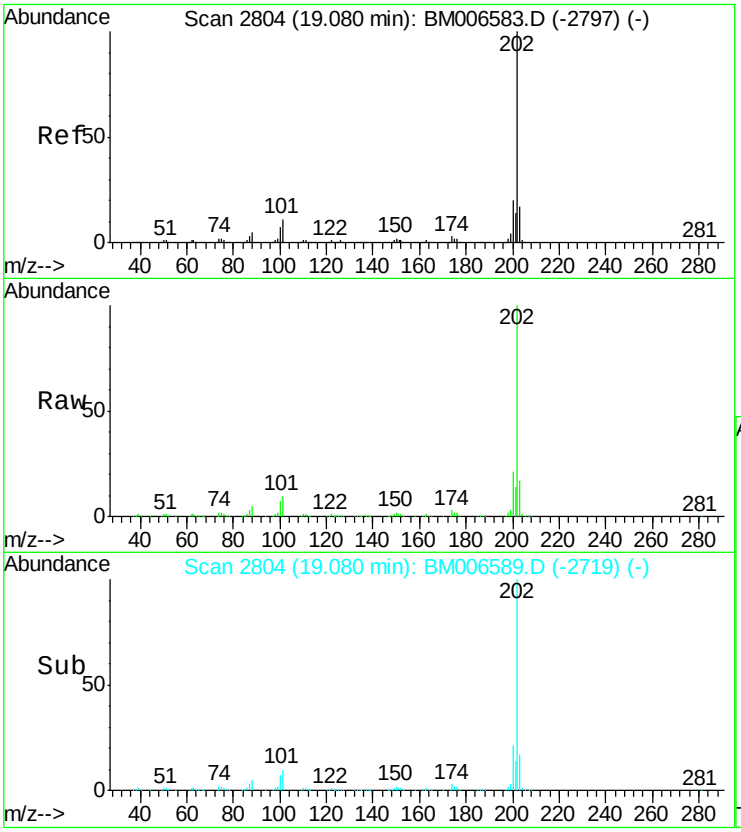


#27
Anthracene
Concen: 20.10 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Tgt Ion:178 Resp: 770588

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.0	15.6	23.4



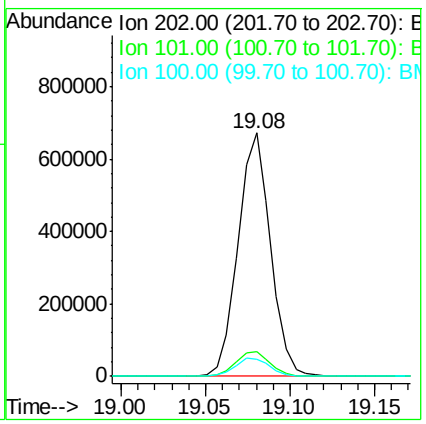


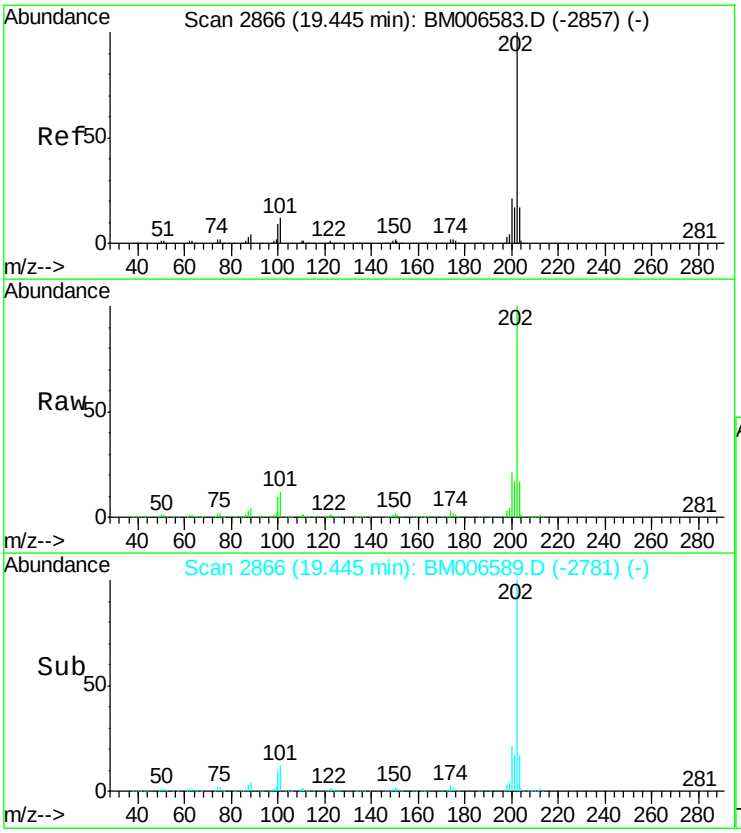
#28
Fluoranthene
Concen: 20.54 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:202 Resp: 898620

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.9	13.3
100	7.2	7.0	10.4

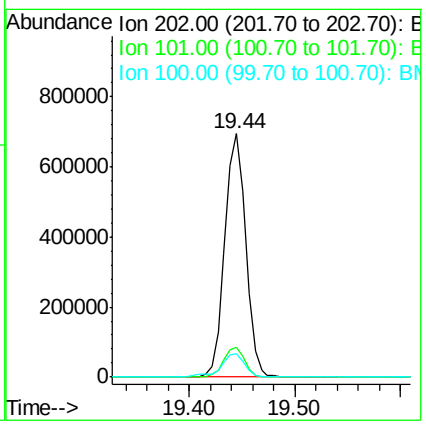


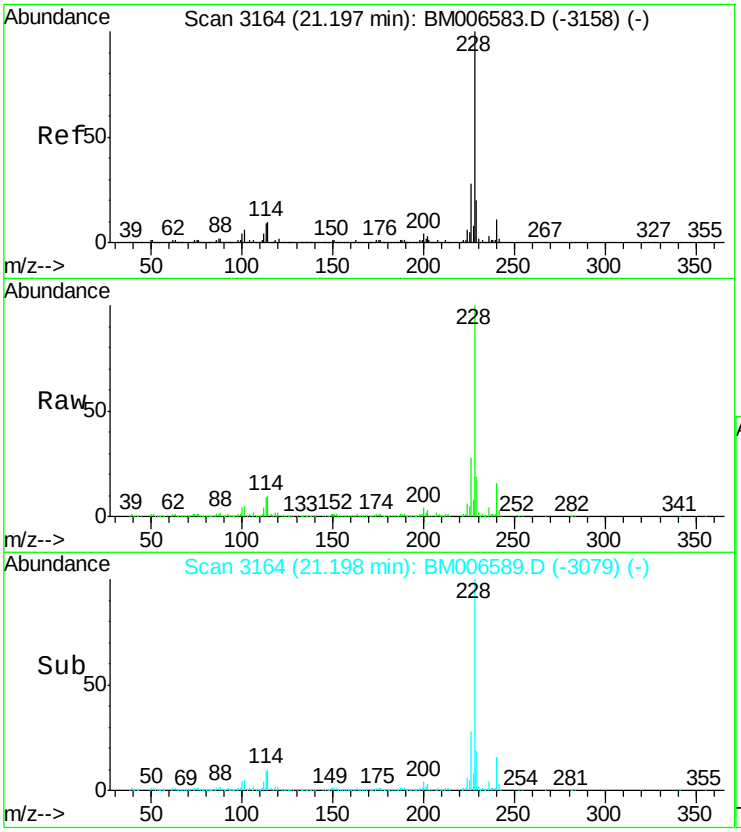


#31
Pyrene
Concen: 20.27 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Tgt Ion:202 Resp: 954136

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	9.6	9.3	13.9



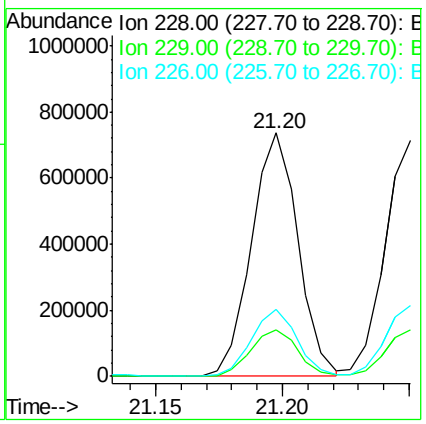


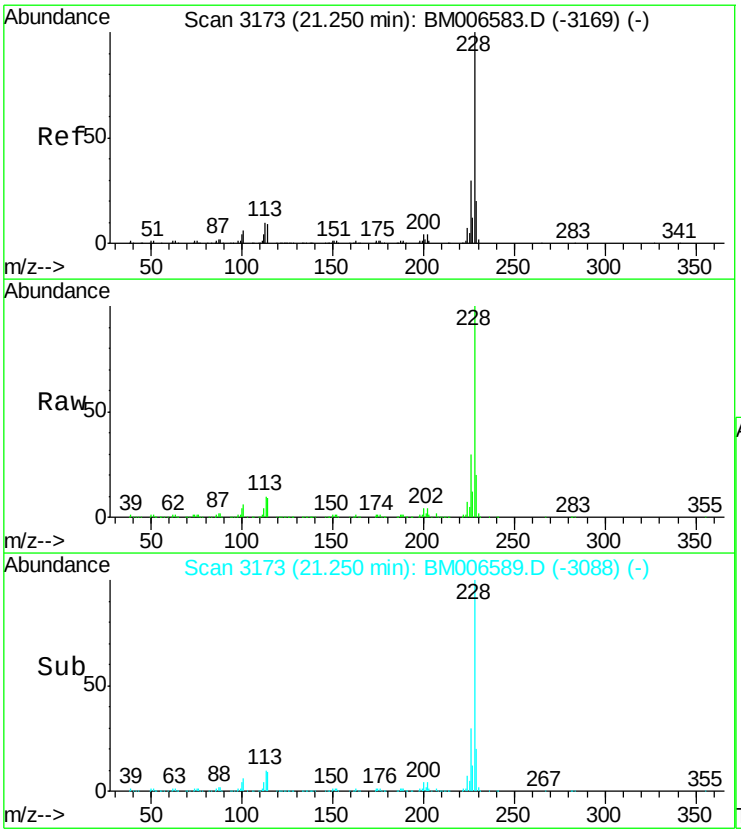
#32
Benzo(a)anthracene
Concen: 20.03 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:228 Resp: 943496

Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.6	25.0
226	27.6	21.0	31.4

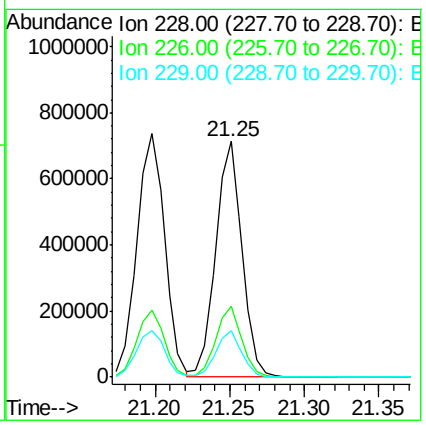


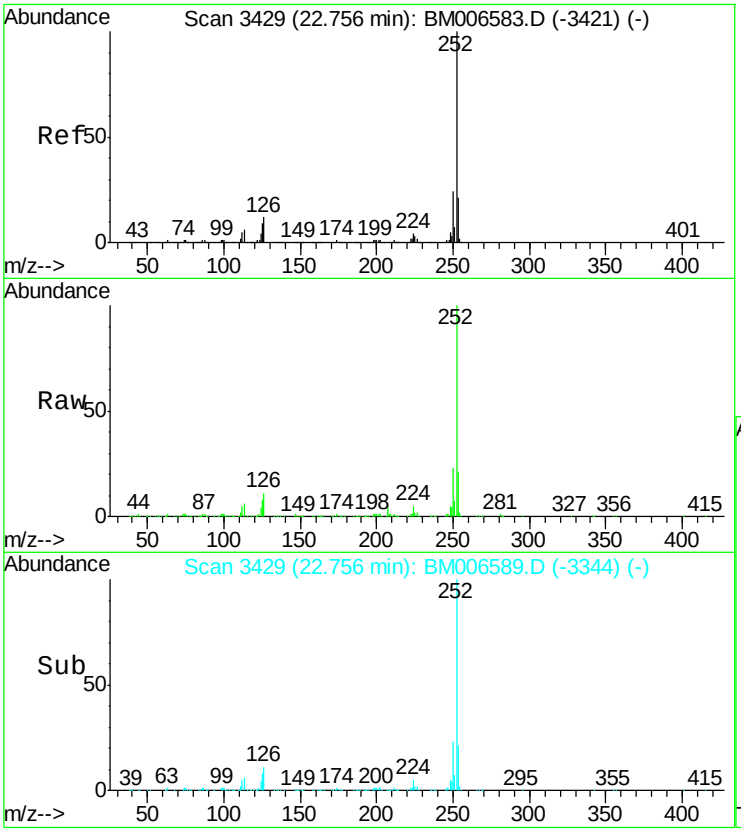


#33
Chrysene
Concen: 20.30 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Tgt Ion:228 Resp: 881576

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	19.7	16.2	24.2



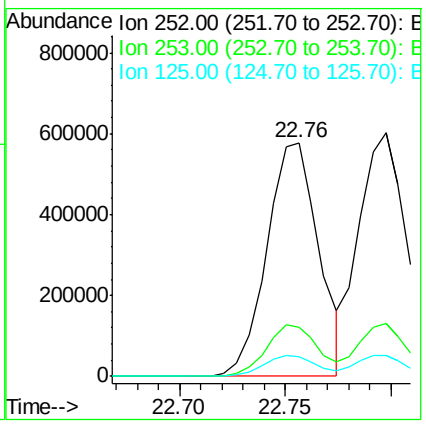


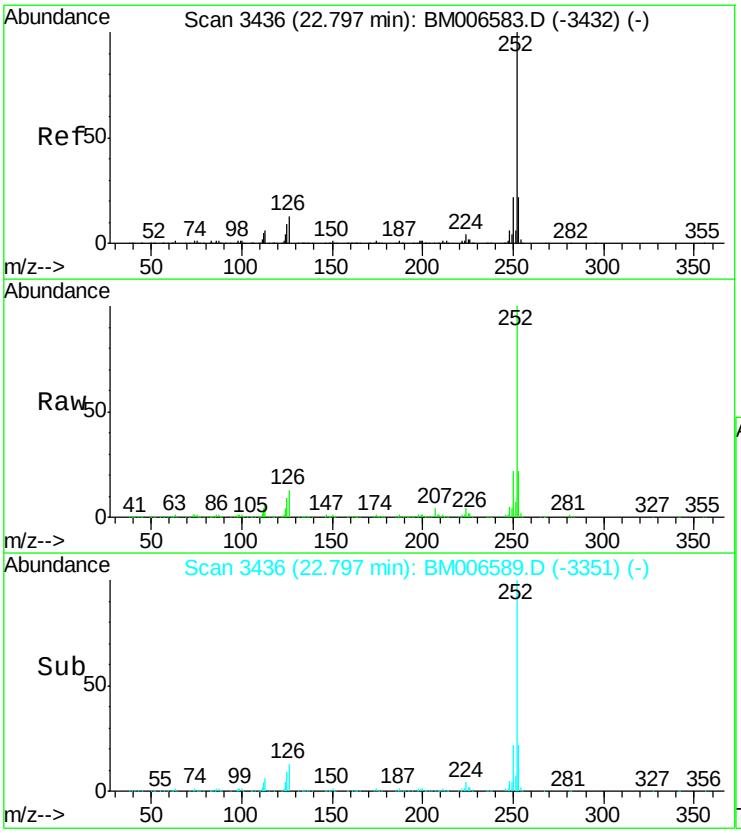
#35
Benzo(b)fluoranthene
Concen: 20.29 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:252 Resp: 987684

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.1	27.1
125	8.3	7.6	11.4

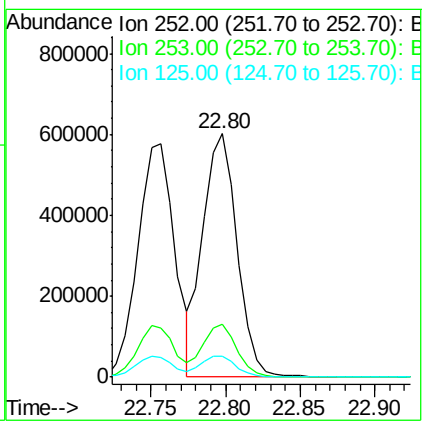


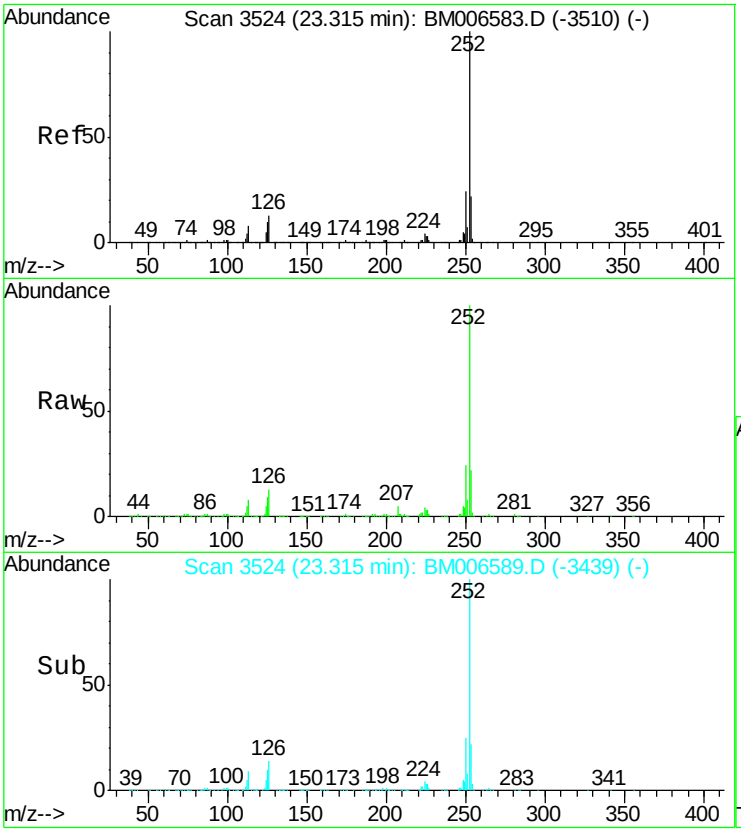


#36
Benzo(k)fluoranthene
Concen: 20.39 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Tgt Ion:252 Resp: 959597

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.8	7.7	11.5



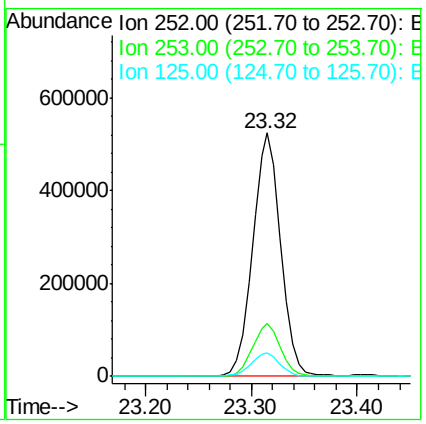


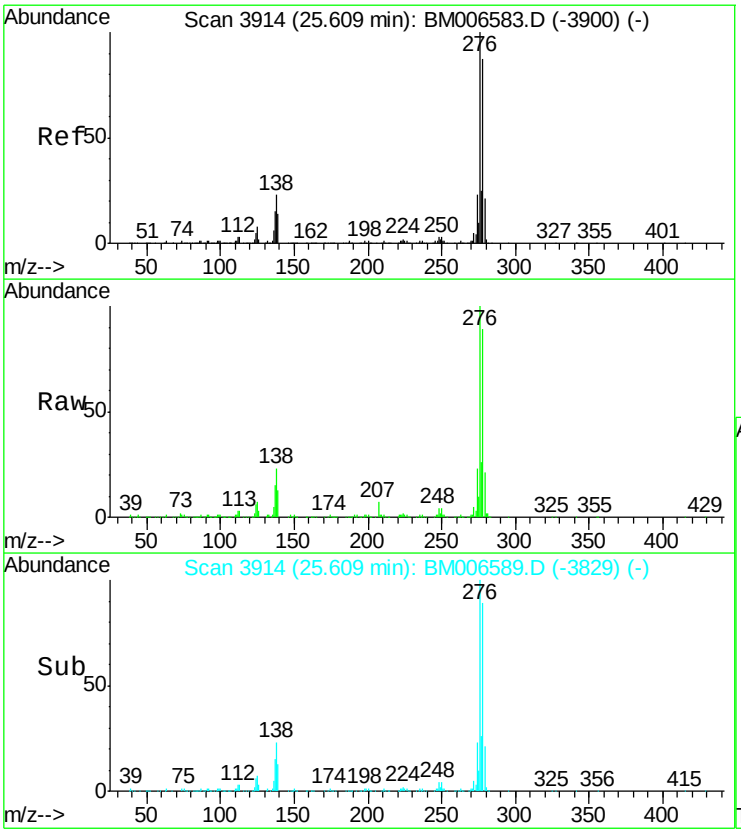
#38
Benzo(a)pyrene
Concen: 20.28 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:252 Resp: 960690

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.4	8.2	12.2

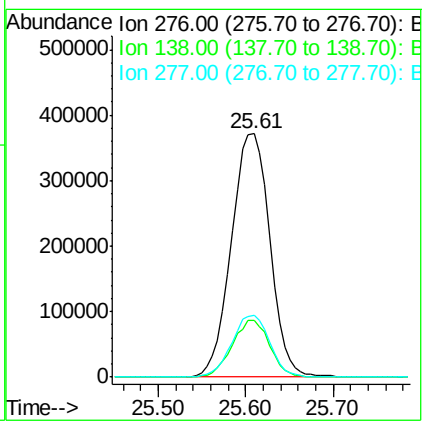


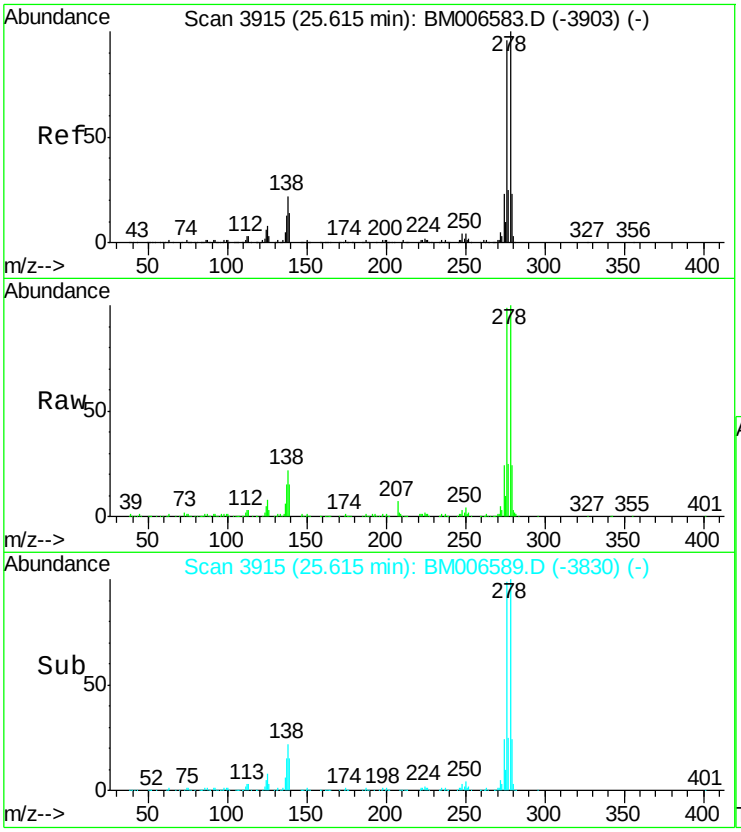


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.31 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Tgt Ion:276 Resp: 1114253

Ion	Ratio	Lower	Upper
276	100		
138	23.5	15.8	23.6
277	25.5	19.0	28.6



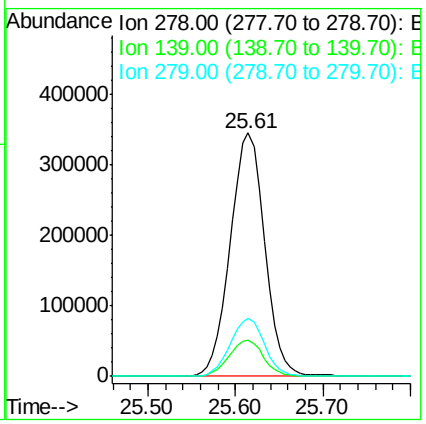


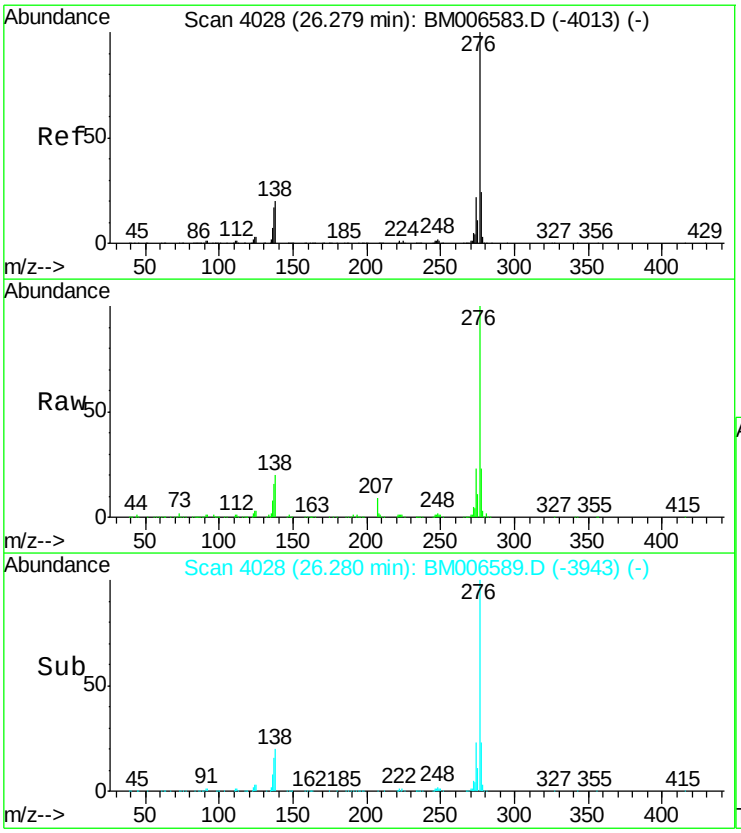
#40
Dibenzo(a,h)anthracene
Concen: 20.33 ng/ul
RT: 25.61 min Scan# 3915
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:278 Resp: 924458

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	24.0	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 20.14 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. 0.00 min
Lab File: BM006589.D
Acq: 21 Jul 2016 16:05

Tgt Ion:276 Resp: 947086

Ion	Ratio	Lower	Upper
276	100		
138	19.6	13.9	20.9
277	22.7	19.8	29.6