Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070116\
Data File : BM006174.D
Acq On : 01 Jul 2016 09:48
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Jul 01 17:31:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	270343	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1287453	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	812145	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1884666	20.00	ng/ul	0.01
29) Chrysene-d12	21.26	240	1744633	20.00	ng/ul	0.01
34) Perylene-d12	23.49	264	1554271	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	38013	6.53	ng/uL	0.00
3) Phenol-d5	6.84	99	369603	16.73	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.00	67	225286	17.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	275693	16.26	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	301497	16.96	ng/ul	0.01
8) Nitrobenzene-d5	8.82	128	142891	16.48	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	166672	16.79	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	296797	16.39	ng/ul	0.01
12) 4-Chloroaniline-d4	10.58	131	221451	15.47	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	954051	16.39	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1151647	16.30	ng/ul	0.01
20) 4-Nitrophenol-d4	14.53	143	185153	16.76	ng/ul	0.02
21) Fluorene-d10	15.31	176	808052	16.27	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	168556	25.25	ng/ul	0.02
26) Anthracene-d10	17.16	188	1248822	16.52	ng/ul	0.01
30) Pyrene-d10	19.46	212	1346279	19.16	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.34	264	1006236	16.27	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	925035	16.41	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	709635	16.57	ng/ul	97
14) 1-Methylnaphthalene	12.33	142	669723	16.45	ng/ul	99
18) Acenaphthylene	14.03	152	1218463	16.47	ng/ul	100
19) Acenaphthene	14.37	153	773978	16.40	ng/ul	98
22) Fluorene	15.36	166	894132	16.65	ng/ul	99
25) Phenanthrene	17.10	178	1474158	16.53	ng/ul	100
27) Anthracene	17.20	178	1521552	16.60	ng/ul	100
28) Fluoranthene	19.13	202	1722746	15.77	ng/ul	99
31) Pyrene	19.49	202	1765933	19.19	ng/ul	96
32) Benzo(a)anthracene	21.24	228	1475990	16.27	ng/ul	100
33) Chrysene	21.30	228	1370047	16.40	ng/ul	99
35) Benzo(b)fluoranthene	22.81	252	1306134	16.19	ng/ul	98
36) Benzo(k)fluoranthene	22.86	252	1300161	17.18	ng/ul	99
38) Benzo(a)pyrene	23.39	252	1239364	16.26	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.71	276	1321164	16.68	ng/ul	95
40) Dibenzo(a,h)anthracene	25.72	278	1105083	16.86	ng/ul	97
41) Benzo(g,h,i)perylene	26.40	276	1126268	16.99	ng/ul	97

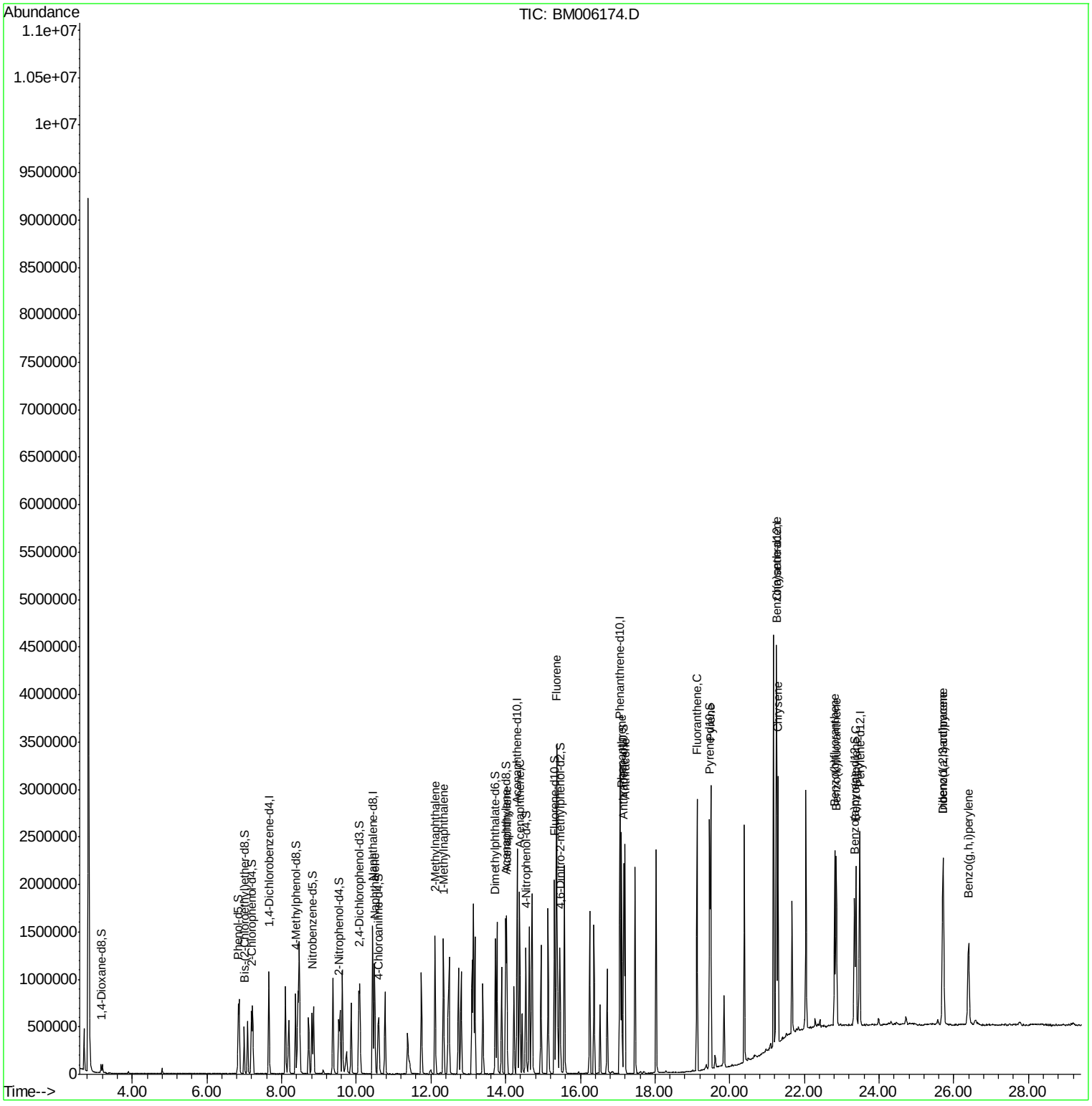
(#) = qualifier out of range (m) = manual integration (+) = signals summed

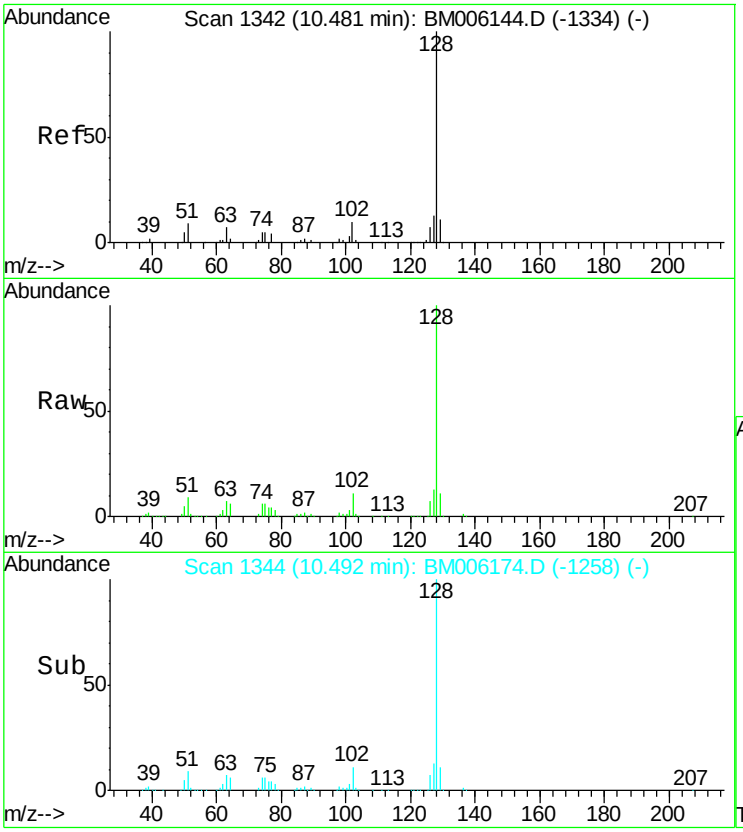
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070116\
Data File : BM006174.D
Acq On : 01 Jul 2016 09:48
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Quant Time: Jul 01 17:31:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration



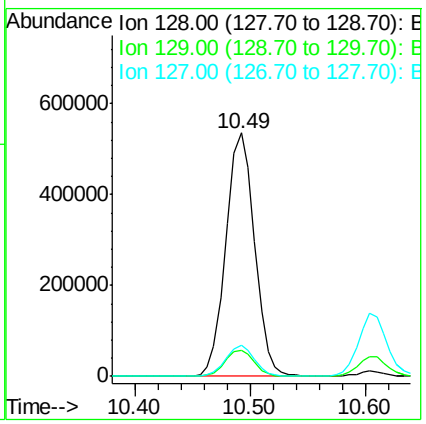


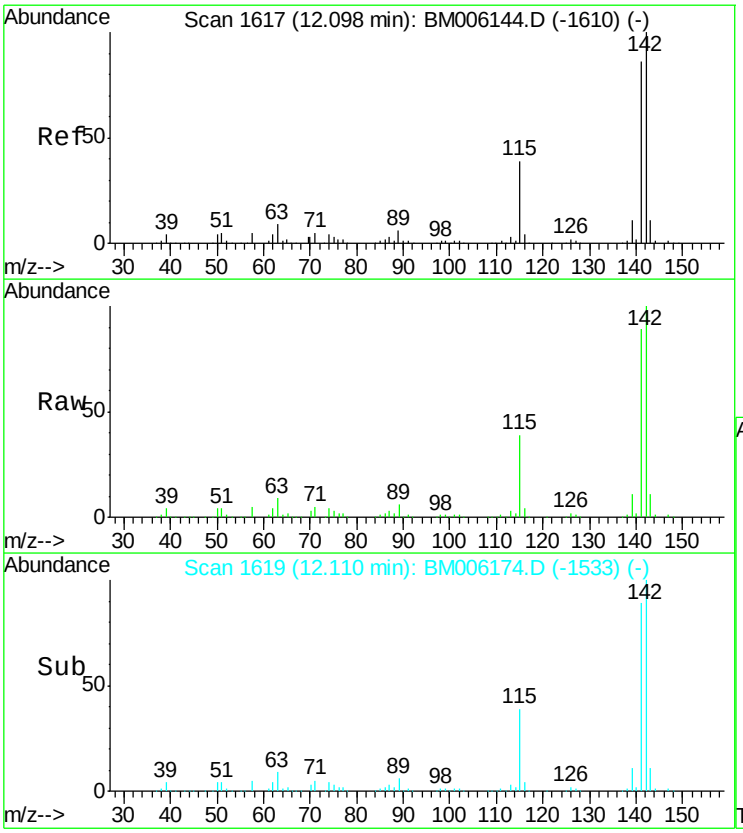
#11
Naphthalene
Concen: 16.41 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:128 Resp: 925035

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.9	10.5	15.7

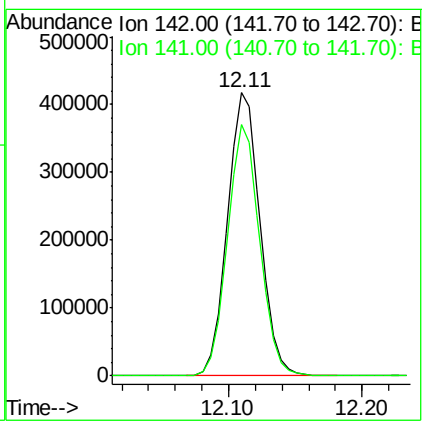


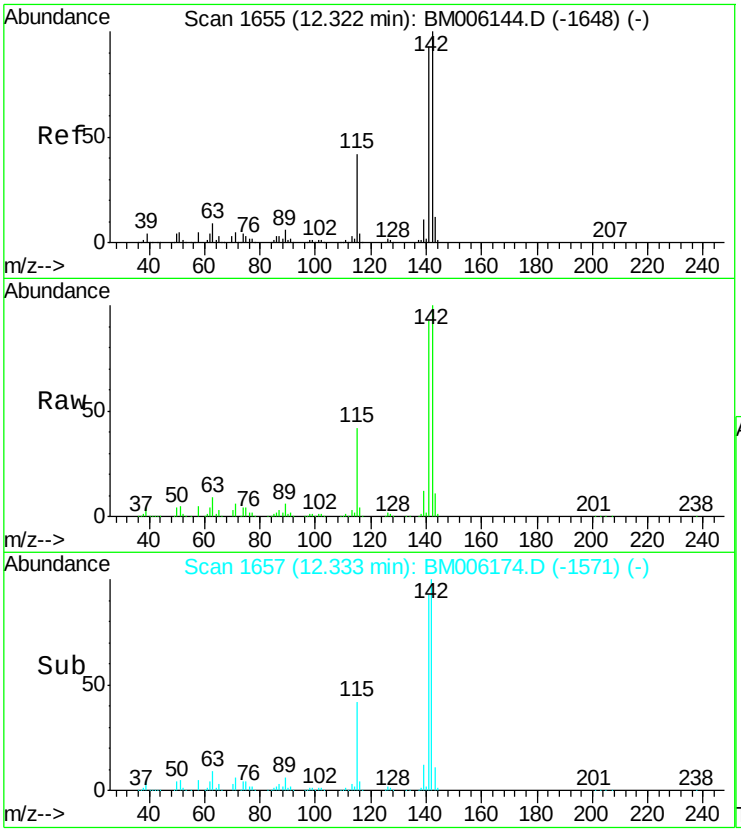


#13
2-Methylnaphthalene
Concen: 16.57 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Tgt Ion:142 Resp: 709635

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.0	103.6



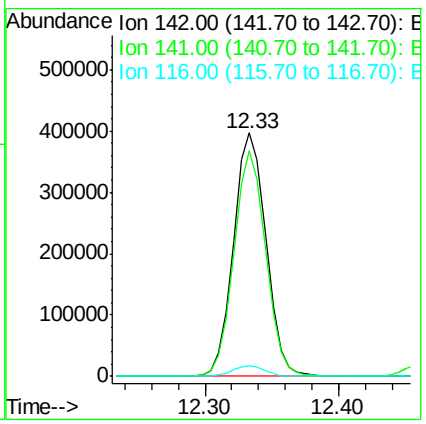


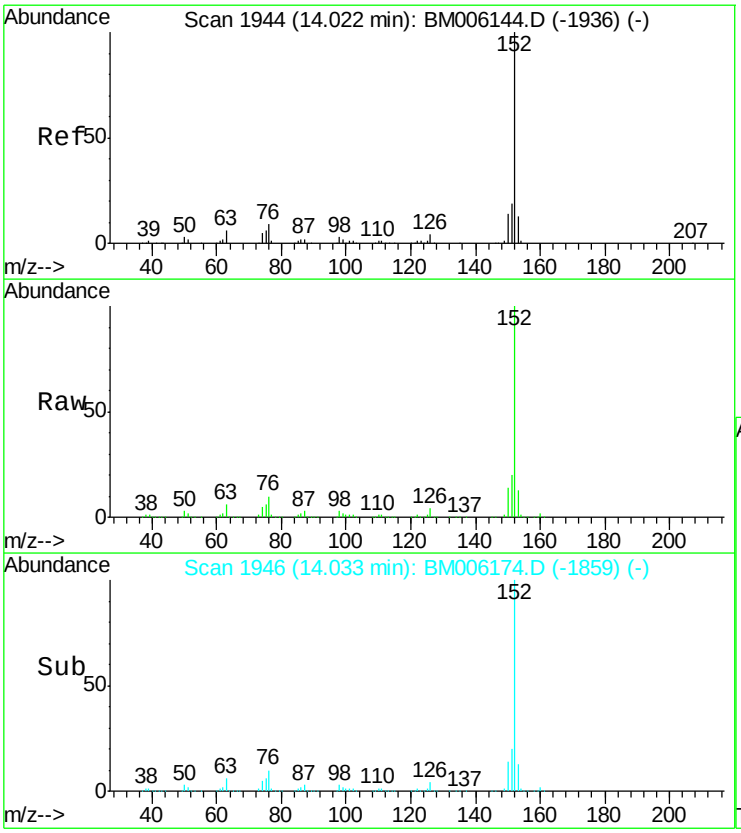
#14
1-Methylnaphthalene
Concen: 16.45 ng/ul
RT: 12.33 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:142 Resp: 669723

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.0	109.4
116	4.2	3.0	4.6

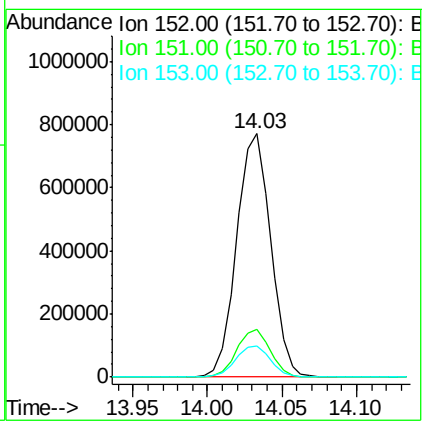


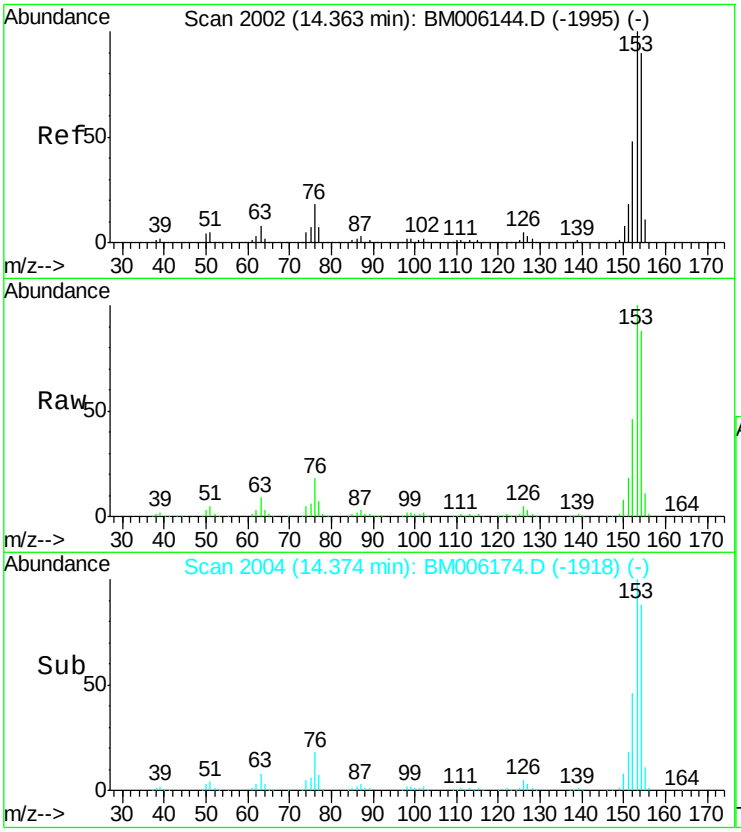


#18
Acenaphthylene
Concen: 16.47 ng/ul
RT: 14.03 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Tgt Ion:152 Resp: 1218463

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.8	10.3	15.5



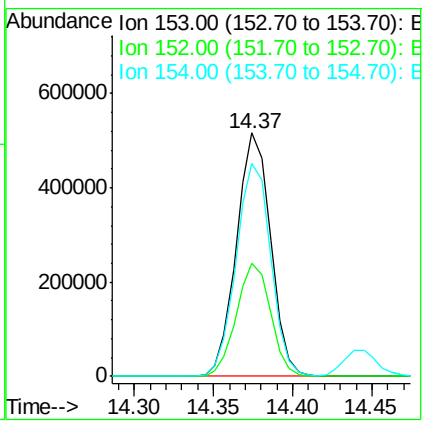


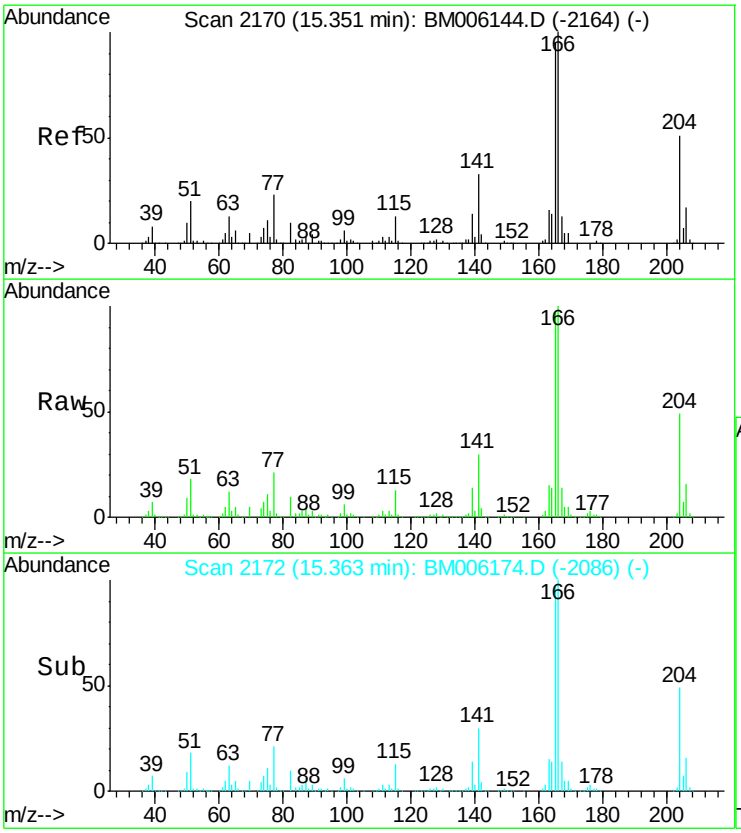
#19
Acenaphthene
Concen: 16.40 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:153 Resp: 773978

Ion	Ratio	Lower	Upper
153	100		
152	46.4	38.1	57.1
154	87.6	71.6	107.4

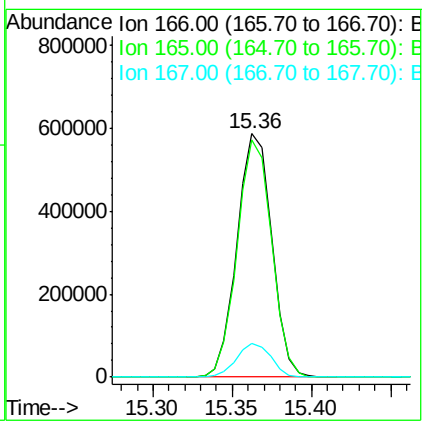


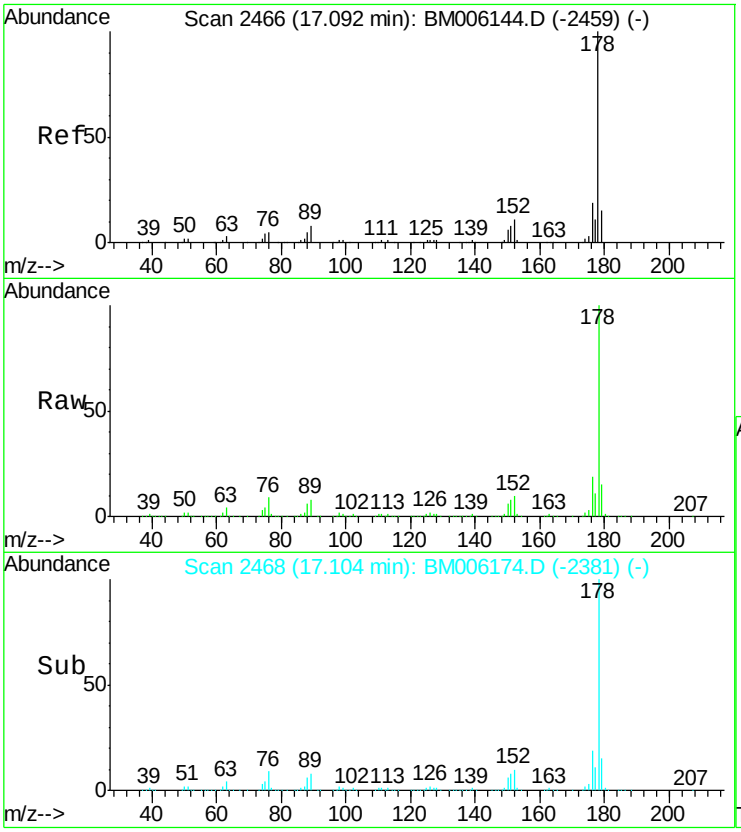


#22
Fluorene
Concen: 16.65 ng/ul
RT: 15.36 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Tgt Ion:166 Resp: 894132

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.4	117.6
167	13.6	10.6	16.0



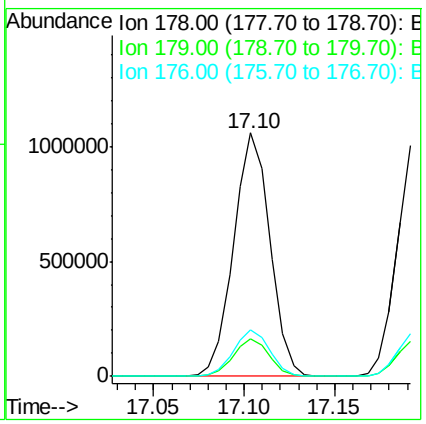


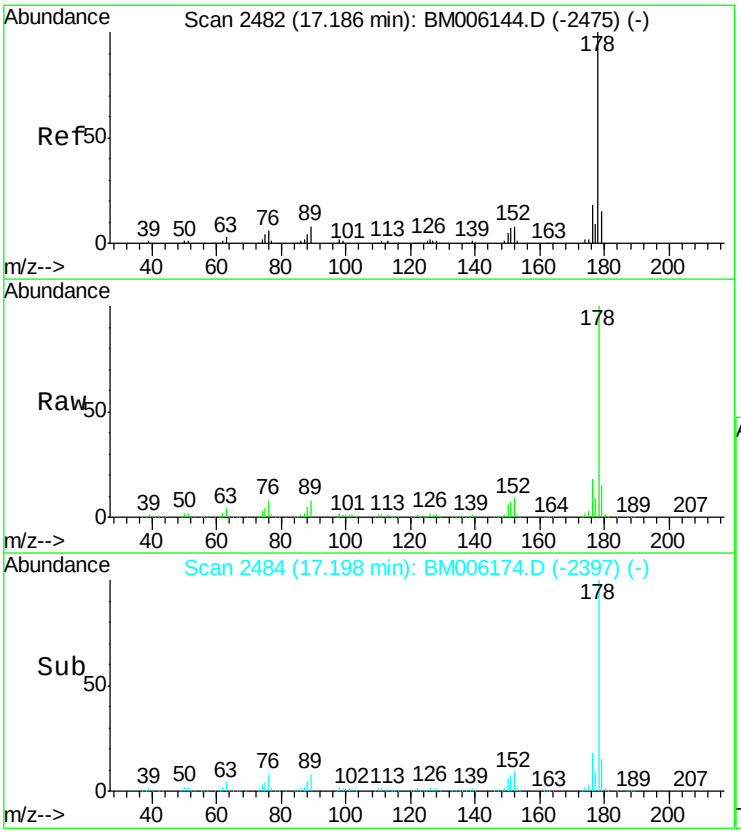
#25
Phenanthrene
Concen: 16.53 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:178 Resp: 1474158

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.1	15.3	22.9

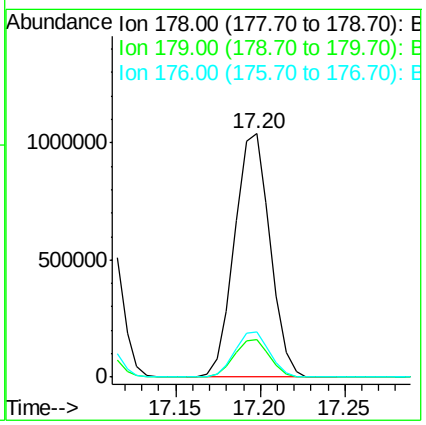


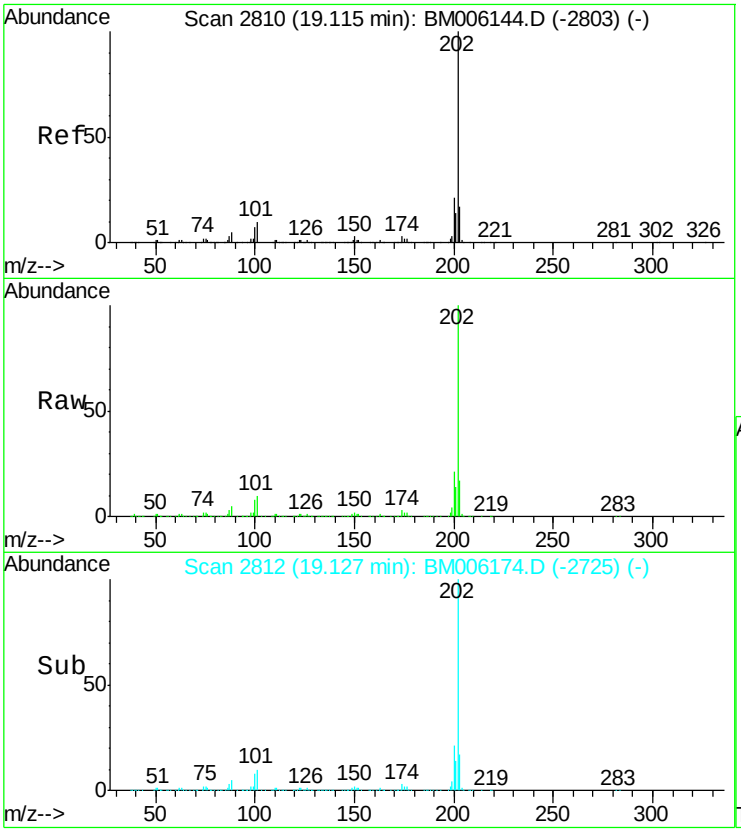


#27
Anthracene
Concen: 16.60 ng/ul
RT: 17.20 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Tgt Ion:178 Resp: 1521552

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.4	14.6	22.0



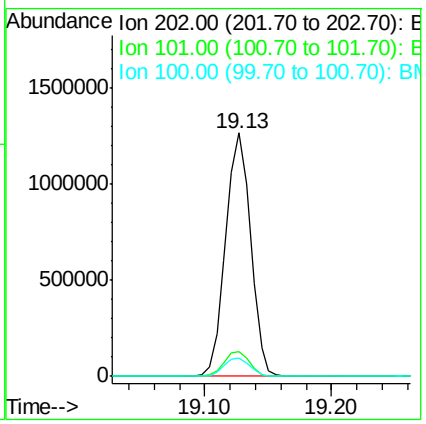


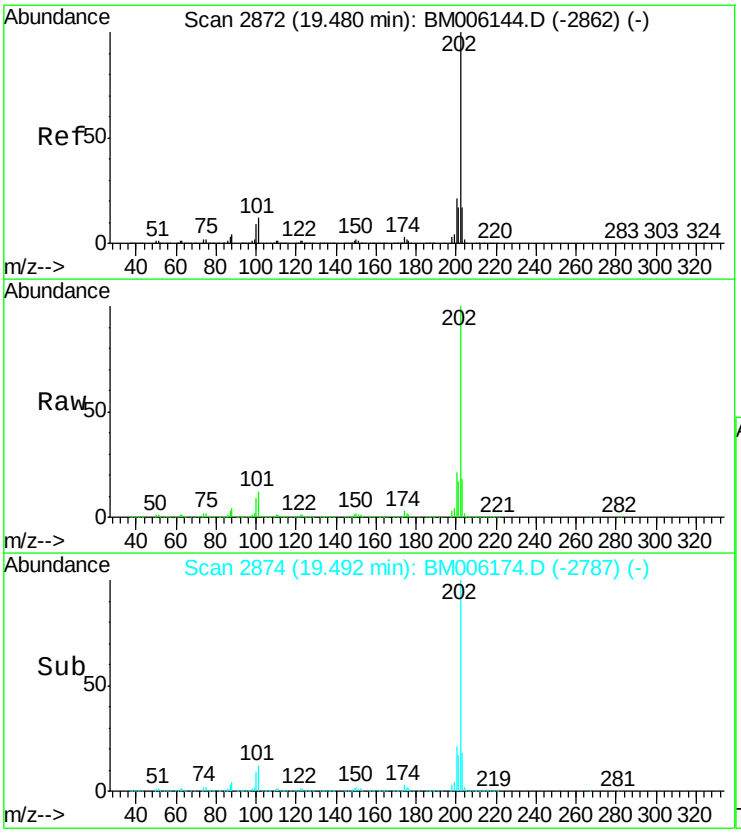
#28
Fluoranthene
Concen: 15.77 ng/ul
RT: 19.13 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:202 Resp: 1722746

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.5	12.7
100	7.6	6.5	9.7

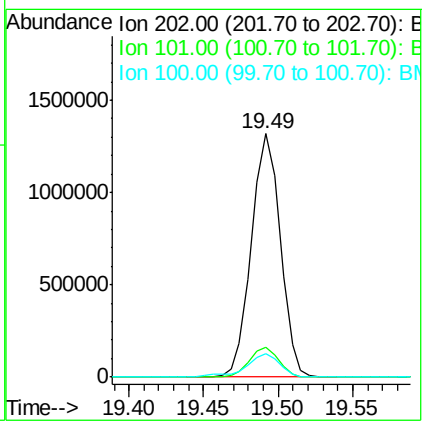


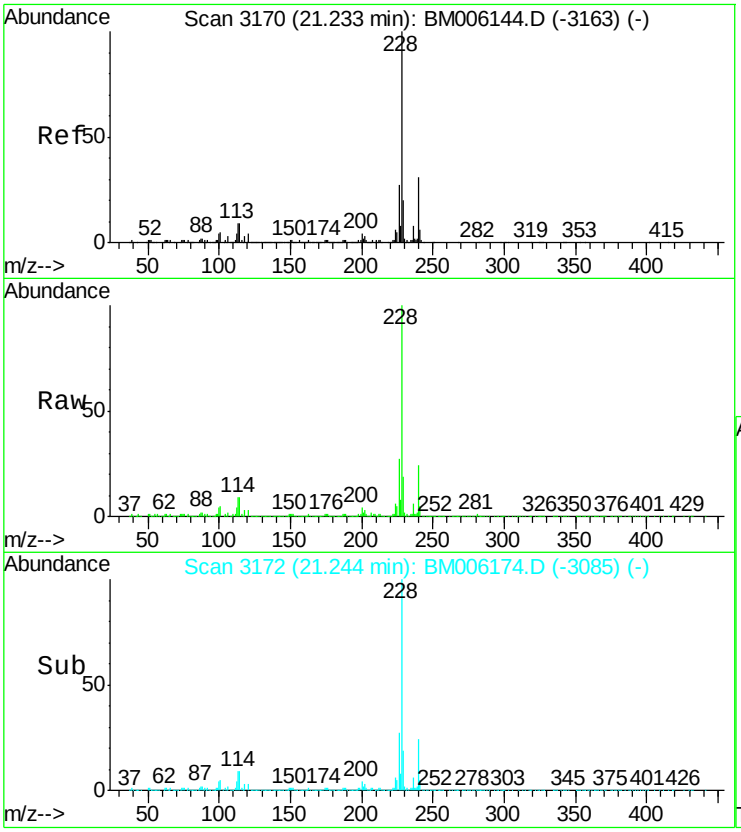


#31
Pyrene
Concen: 19.19 ng/ul
RT: 19.49 min Scan# 2874
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Tgt Ion:202 Resp: 1765933

Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.0	16.4
100	9.5	8.9	13.3



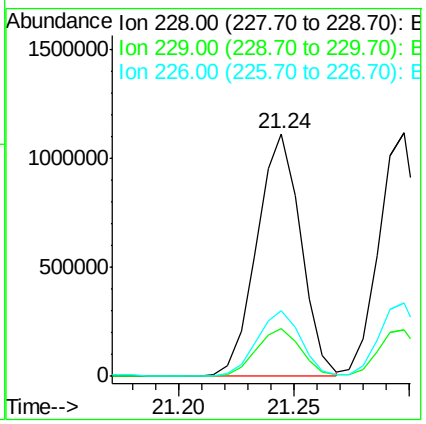


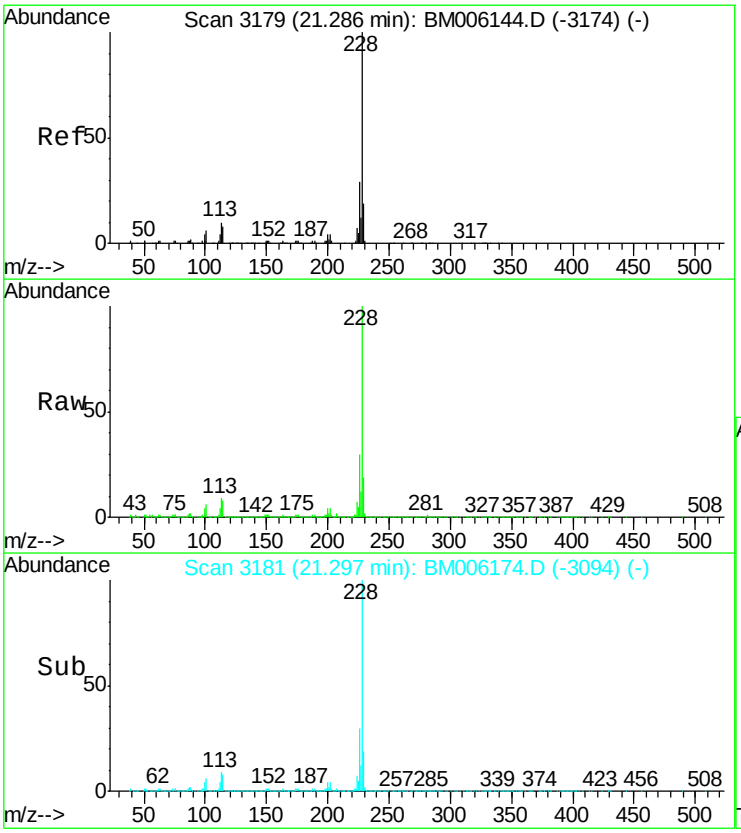
#32
Benzo(a)anthracene
Concen: 16.27 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:228 Resp: 1475990

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	26.8	21.6	32.4

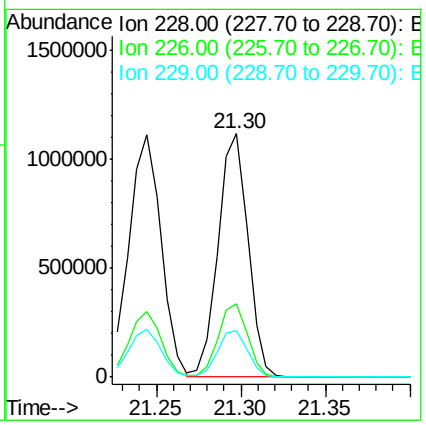


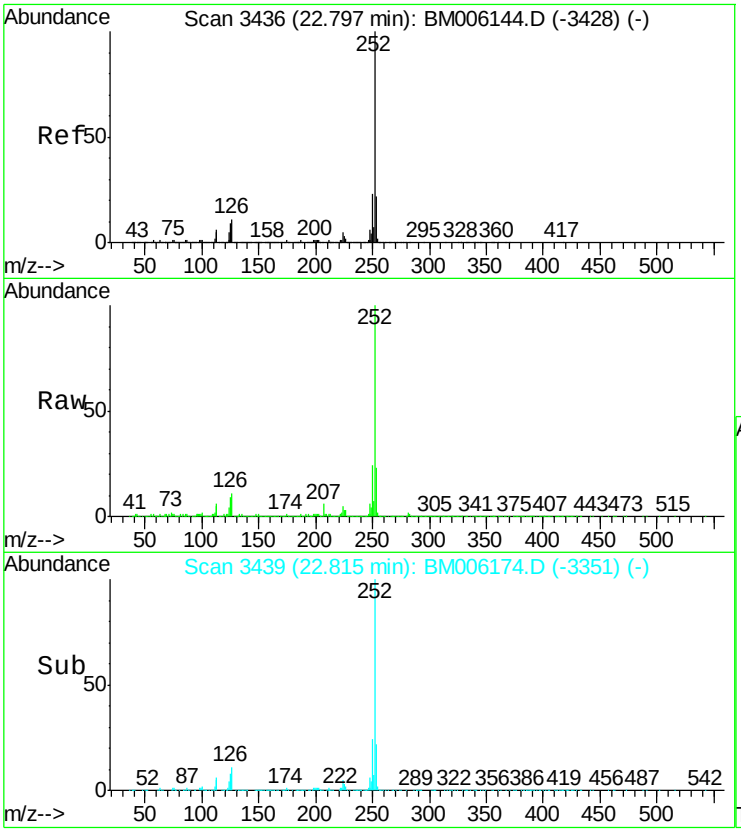


#33
Chrysene
Concen: 16.40 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Tgt Ion:228 Resp: 1370047

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	19.2	15.8	23.6



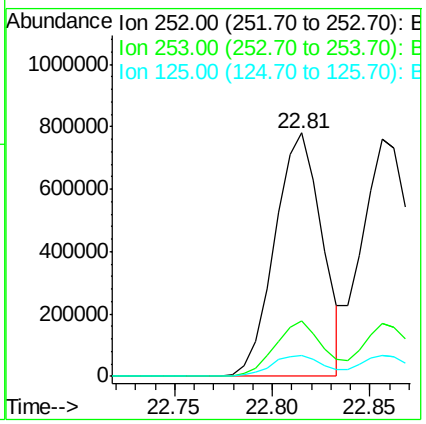


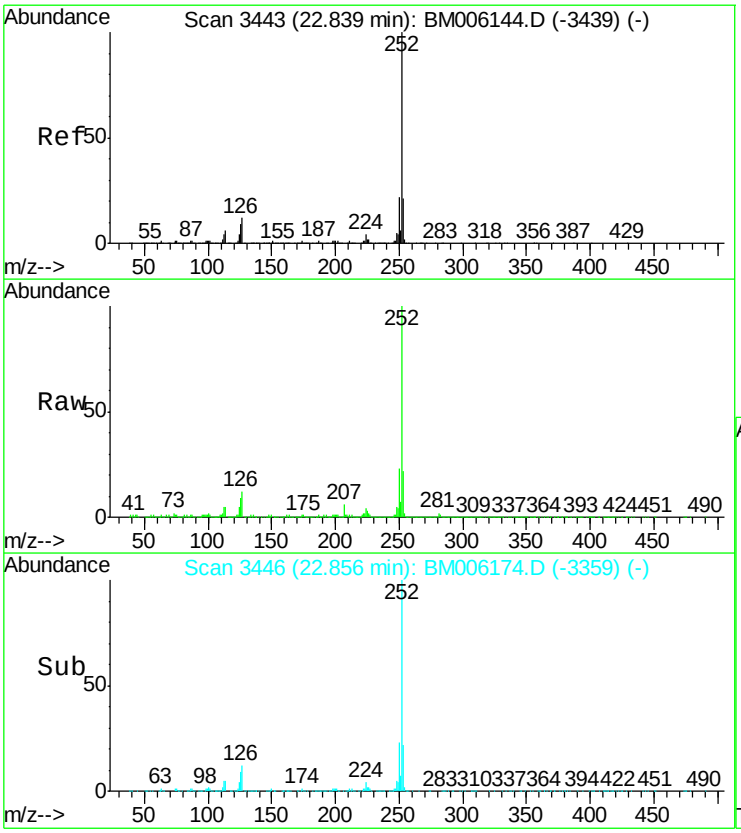
#35
Benzo(b)fluoranthene
Concen: 16.19 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:252 Resp: 1306134

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	8.6	7.8	11.6

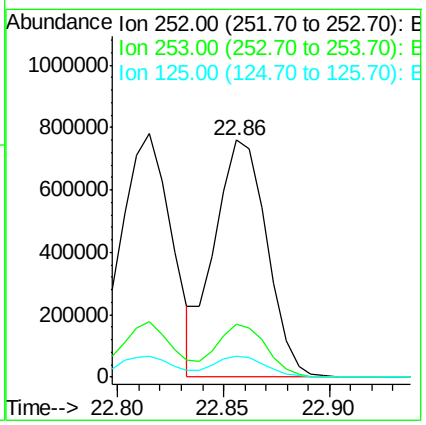


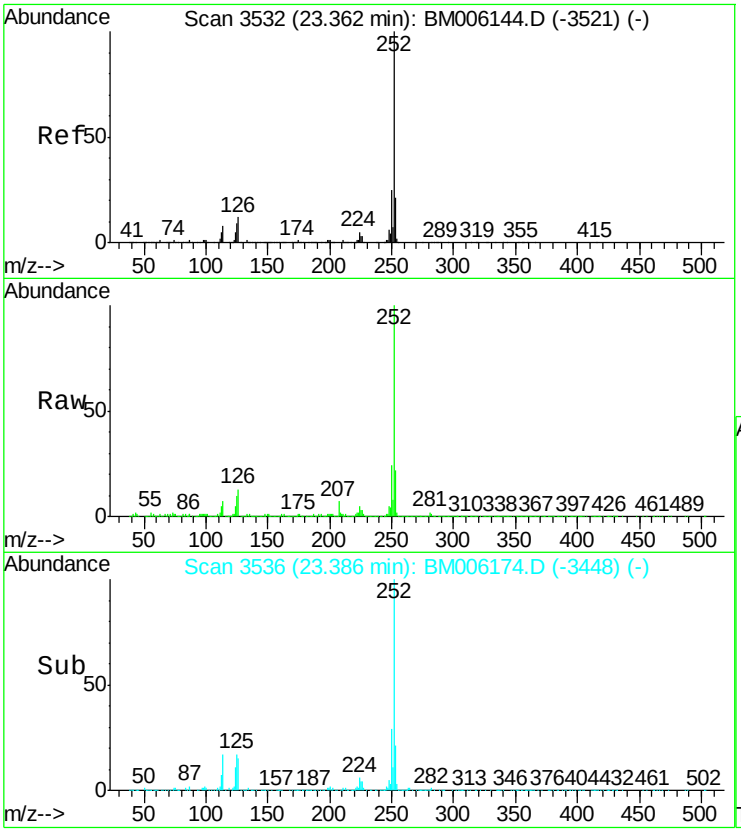


#36
Benzo(k)fluoranthene
Concen: 17.18 ng/ul
RT: 22.86 min Scan# 3446
Delta R.T. 0.01 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Tgt Ion:252 Resp: 1300161

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.0	8.1	12.1



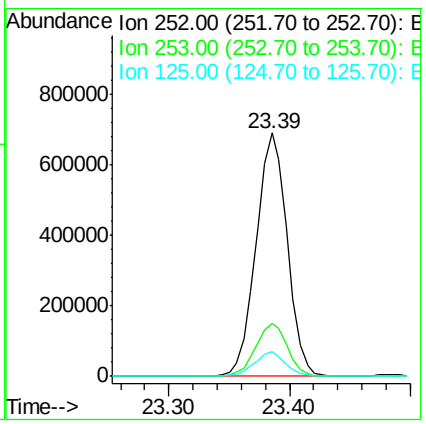


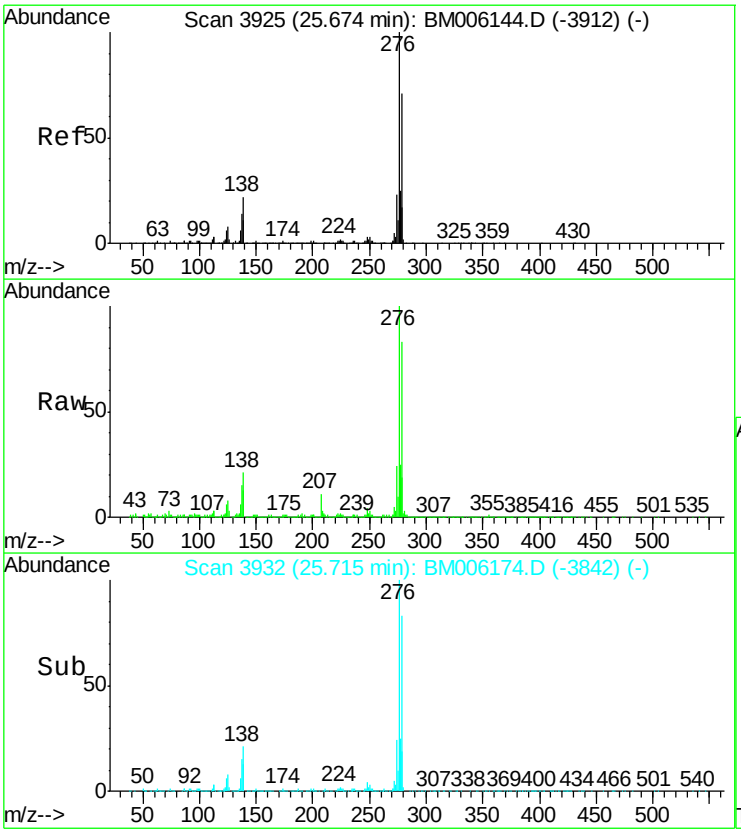
#38
Benzo(a)pyrene
Concen: 16.26 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. 0.02 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:252 Resp: 1239364

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.1	8.7	13.1

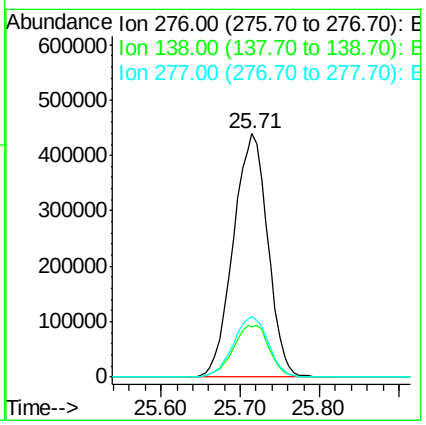


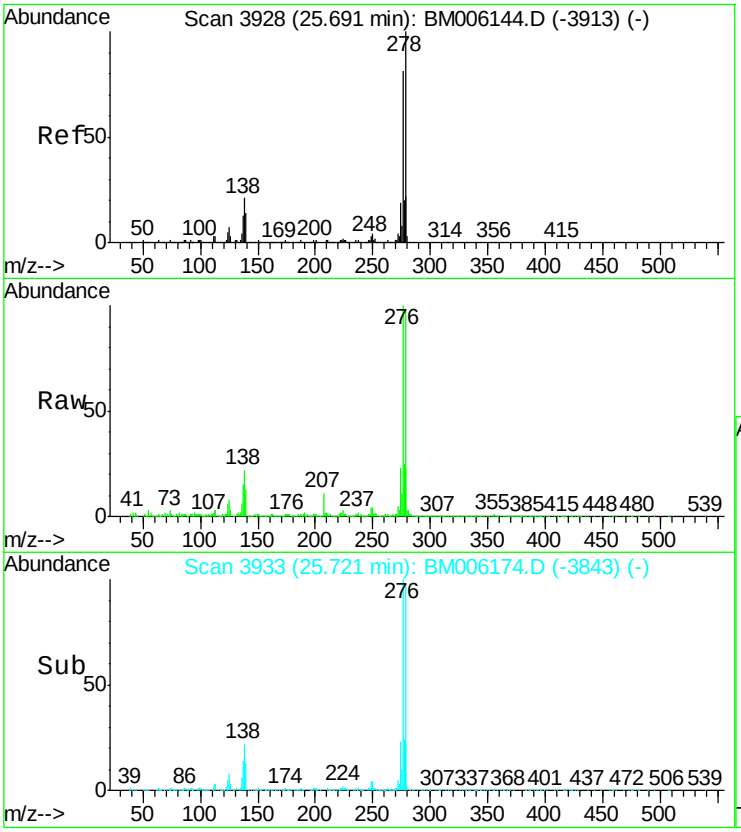


#39
Indeno(1,2,3-cd)pyrene
Concen: 16.68 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. 0.03 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Tgt Ion:276 Resp: 1321164

Ion	Ratio	Lower	Upper
276	100		
138	20.9	20.4	30.6
277	24.8	20.6	30.8



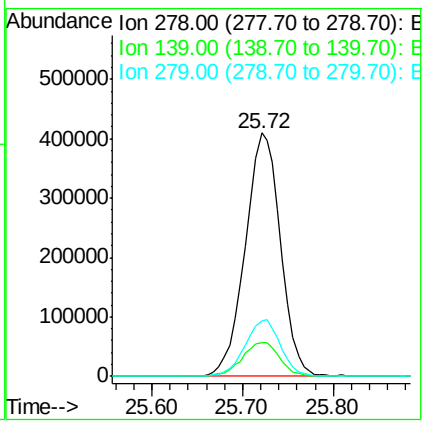


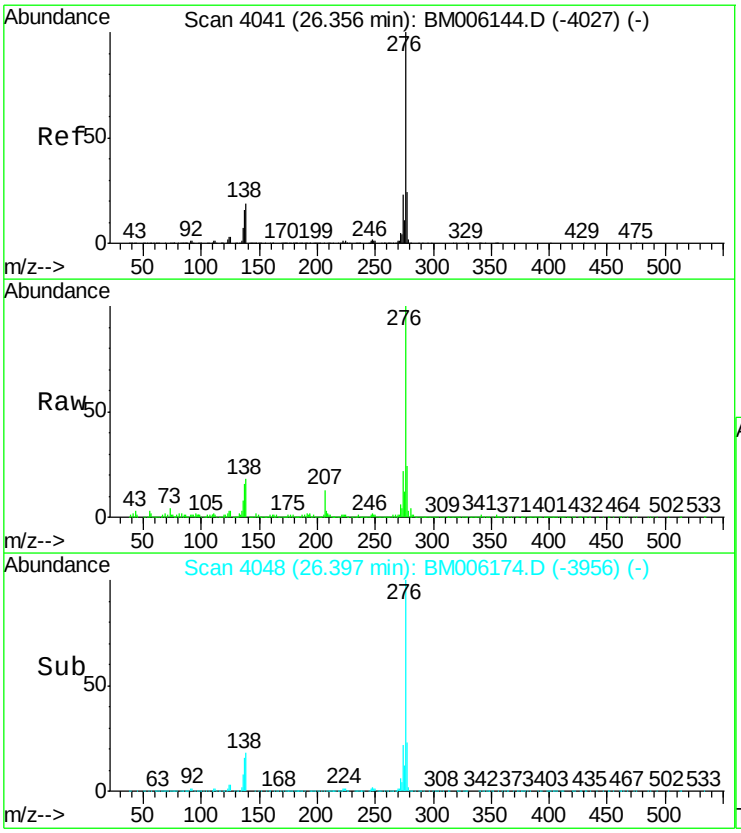
#40
Dibenzo(a,h)anthracene
Concen: 16.86 ng/ul
RT: 25.72 min Scan# 3933
Delta R.T. 0.03 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:278 Resp: 1105083

Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.0	19.4
279	23.0	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 16.99 ng/ul
RT: 26.40 min Scan# 4048
Delta R.T. 0.04 min
Lab File: BM006174.D
Acq: 01 Jul 2016 09:48

Tgt Ion:276 Resp: 1126268

Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.6	25.0
277	23.6	18.9	28.3