Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM063016\
Data File : BM006172.D
Acq On : 01 Jul 2016 00:00
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Quant Time: Jul 01 01:00:20 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	234532	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	953510	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	507403	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1112957	20.00	ng/ul	0.01
29) Chrysene-d12	21.26	240	1160960	20.00	ng/ul	0.01
34) Perylene-d12	23.49	264	1289078	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	34865	6.91	ng/uL	0.00
3) Phenol-d5	6.84	99	287703	15.02	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.00	67	177590	15.72	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	230838	15.70	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	219505	14.23	ng/ul	0.00
8) Nitrobenzene-d5	8.82	128	107122	16.68	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	116563	15.86	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	212425	15.84	ng/ul	0.01
12) 4-Chloroaniline-d4	10.58	131	186298	17.57	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	550964	15.15	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	717559	16.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	102902	14.91	ng/ul	0.02
21) Fluorene-d10	15.31	176	482496	15.55	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	60534	15.36	ng/ul	0.02
26) Anthracene-d10	17.16	188	727594	16.30	ng/ul	0.00
30) Pyrene-d10	19.46	212	784823	16.79	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.34	264	807900	15.75	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	682146	16.34	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	485880	15.32	ng/ul	99
14) 1-Methylnaphthalene	12.33	142	457031	15.16	ng/ul	96
18) Acenaphthylene	14.03	152	755799	16.35	ng/ul	99
19) Acenaphthene	14.37	153	477303	16.18	ng/ul	97
22) Fluorene	15.36	166	535282	15.95	ng/ul	98
25) Phenanthrene	17.10	178	847253	16.09	ng/ul	100
27) Anthracene	17.19	178	883091	16.31	ng/ul	99
28) Fluoranthene	19.13	202	994107	15.41	ng/ul	99
31) Pyrene	19.49	202	1032035	16.85	ng/ul	95
32) Benzo(a)anthracene	21.24	228	964383	15.98	ng/ul	99
33) Chrysene	21.30	228	892499	16.06	ng/ul	98
35) Benzo(b)fluoranthene	22.81	252	1055364	15.78	ng/ul	99
36) Benzo(k)fluoranthene	22.86	252	989838	15.77	ng/ul	99
38) Benzo(a)pyrene	23.39	252	1016302	16.08	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.72	276	1219656	18.56	ng/ul	97
40) Dibenzo(a,h)anthracene	25.73	278	1015604	18.69	ng/ul	99
41) Benzo(g,h,i)perylene	26.40	276	1047781	19.05	ng/ul	98

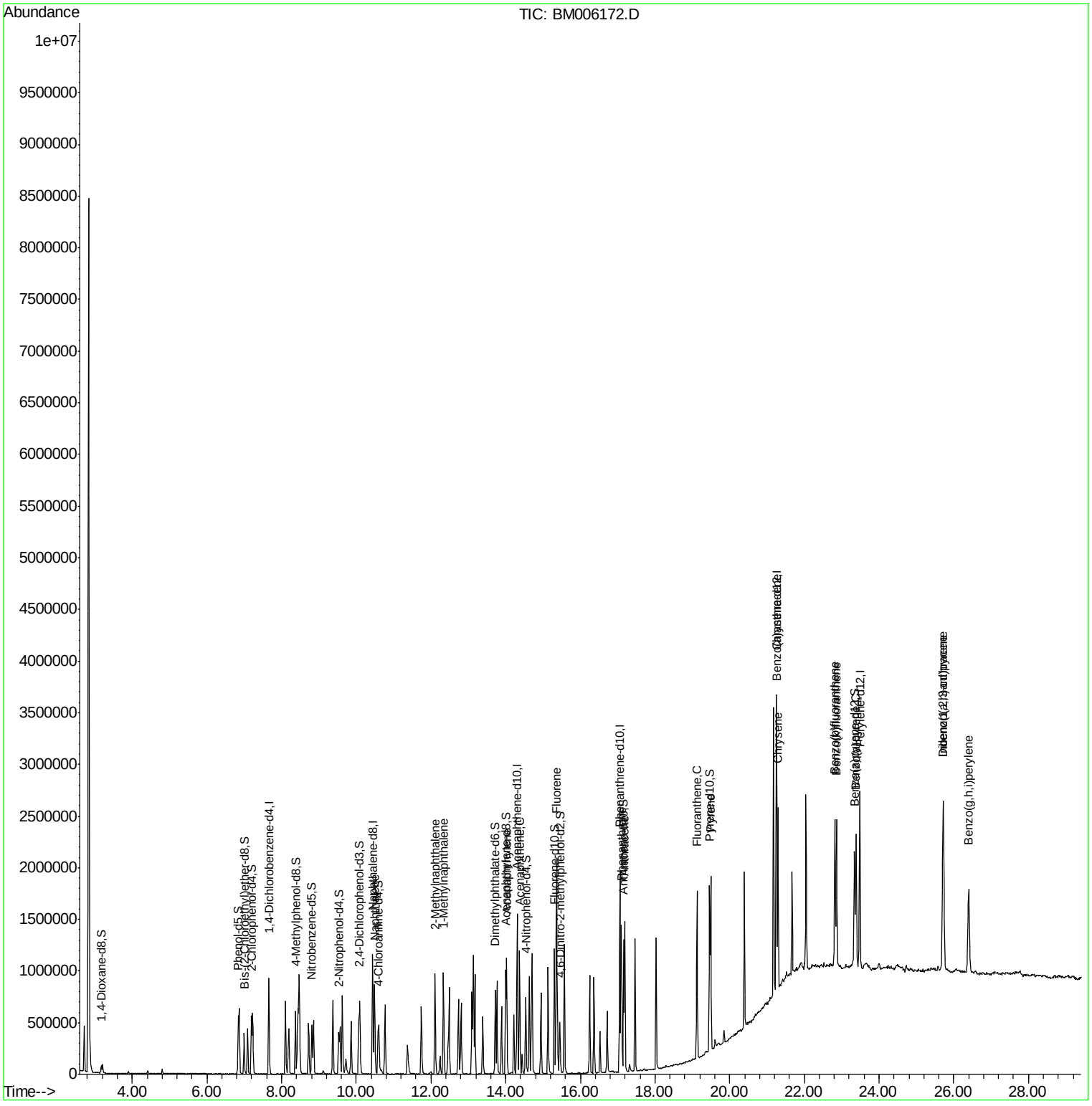
(#) = qualifier out of range (m) = manual integration (+) = signals summed

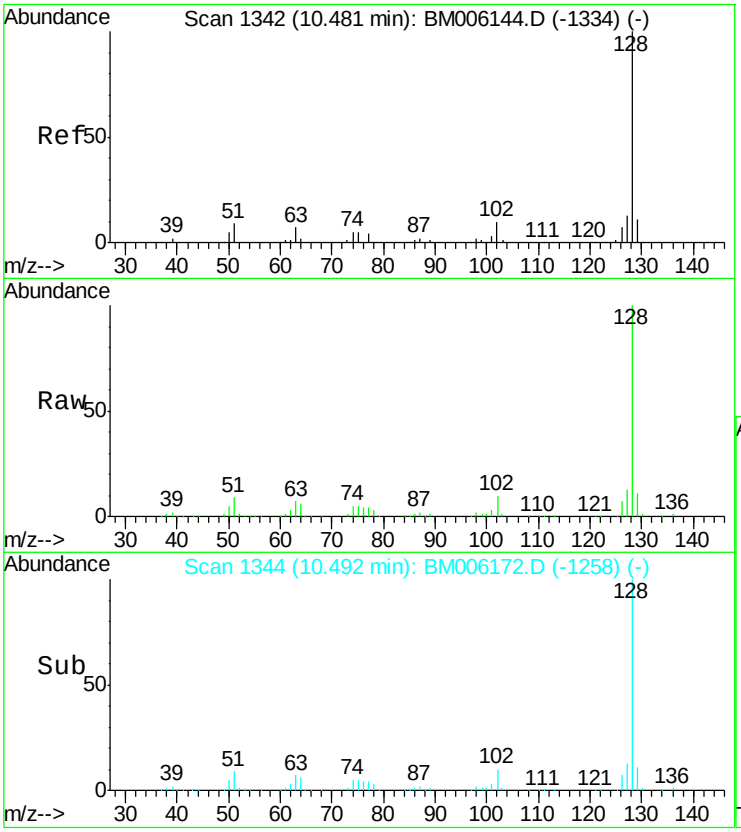
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM063016\
Data File : BM006172.D
Acq On : 01 Jul 2016 00:00
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Quant Time: Jul 01 01:00:20 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



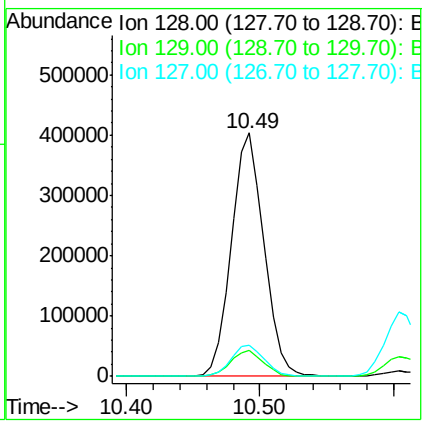


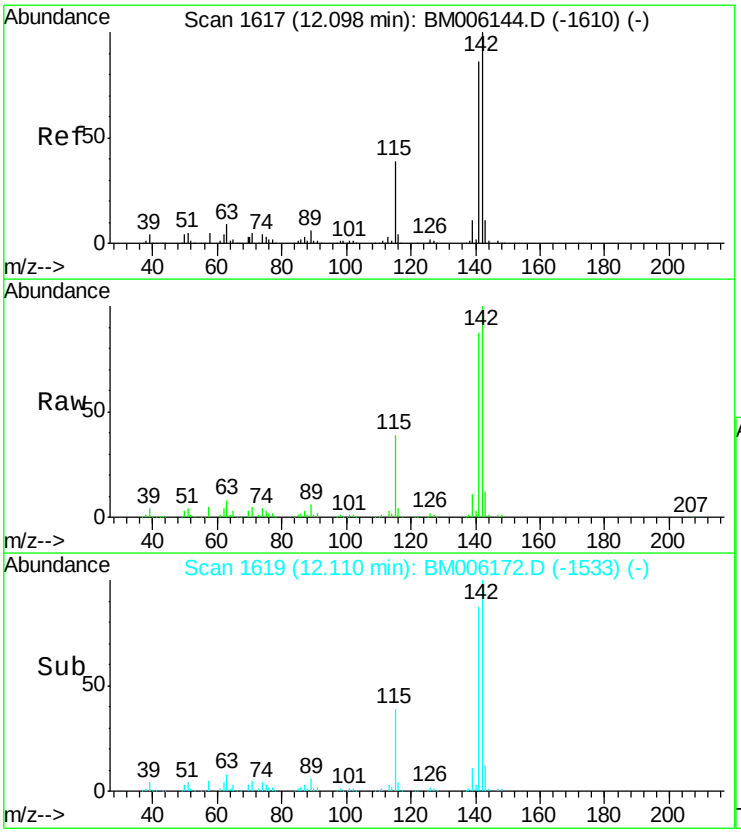
#11
Naphthalene
Concen: 16.34 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:128 Resp: 682146

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.7	10.5	15.7

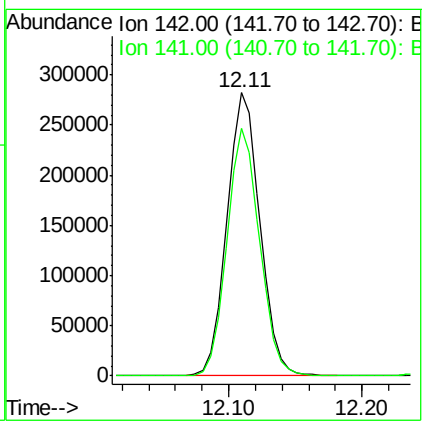


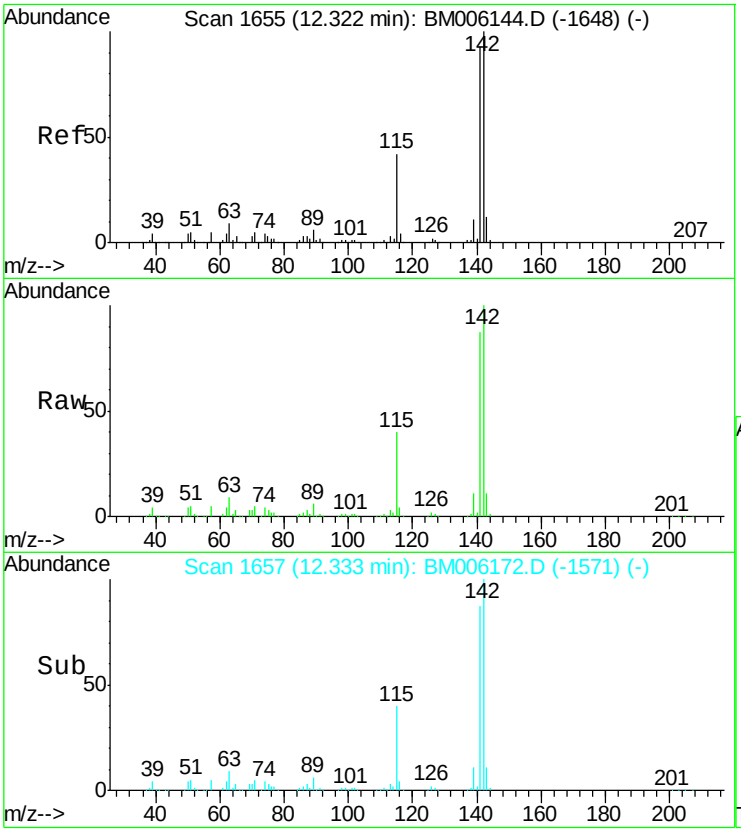


#13
2-Methylnaphthalene
Concen: 15.32 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Tgt Ion:142 Resp: 485880

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.0	103.6



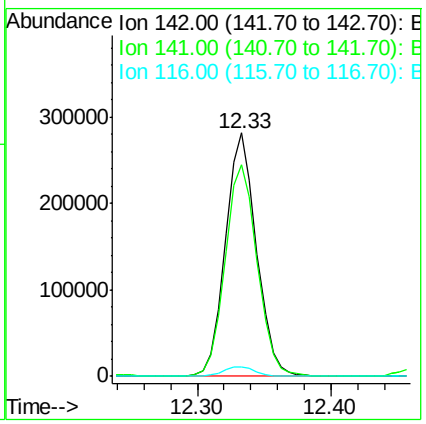


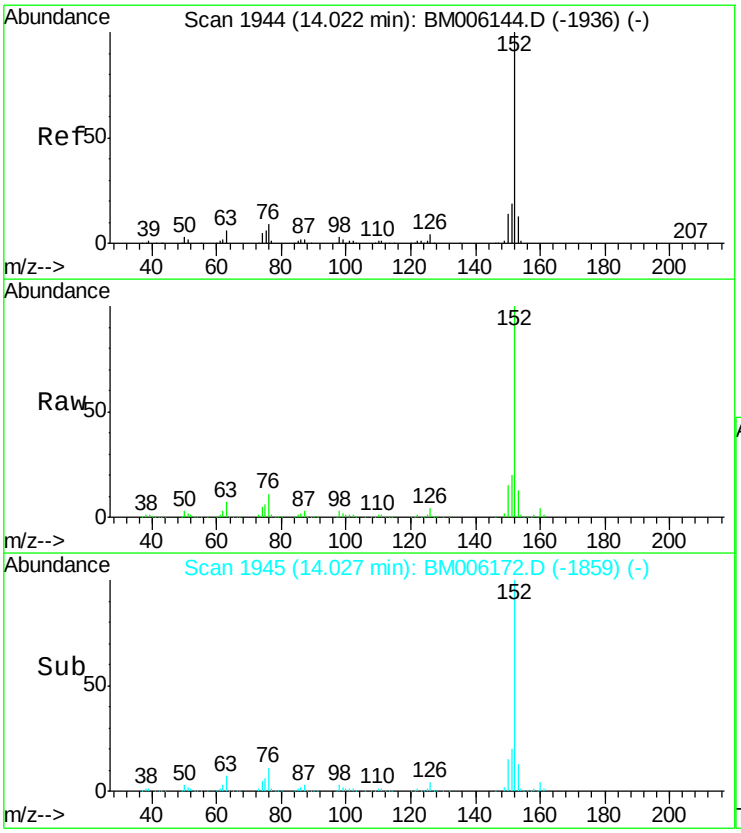
#14
1-Methylnaphthalene
Concen: 15.16 ng/ul
RT: 12.33 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:142 Resp: 457031

Ion	Ratio	Lower	Upper
142	100		
141	86.8	73.0	109.4
116	3.8	3.0	4.6

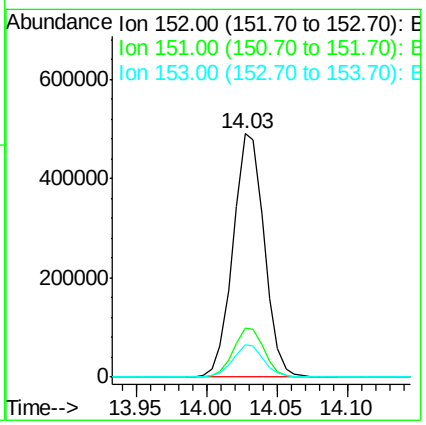


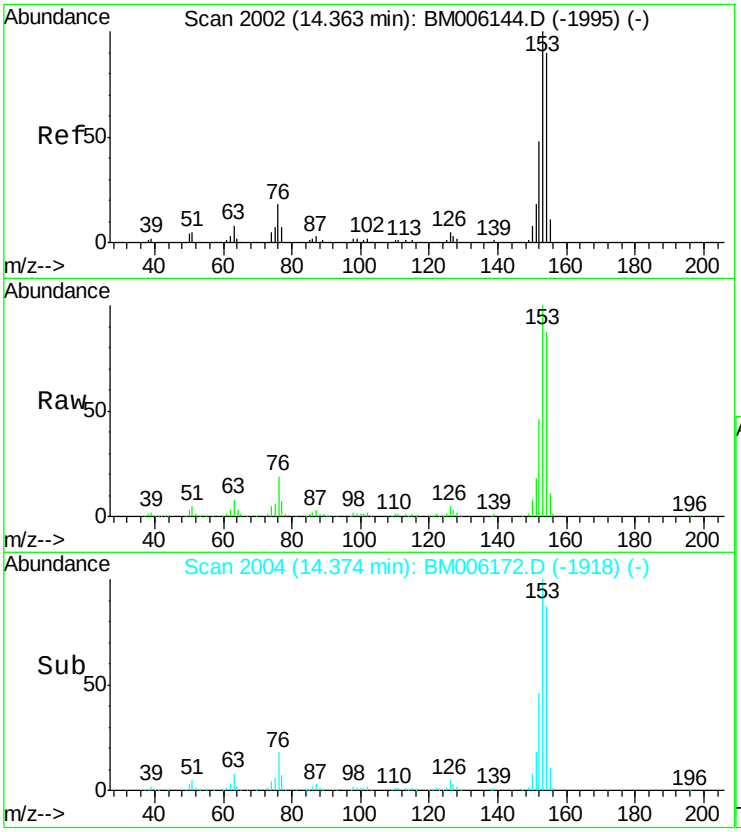


#18
Acenaphthylene
Concen: 16.35 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Tgt Ion:152 Resp: 755799

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.3	10.3	15.5



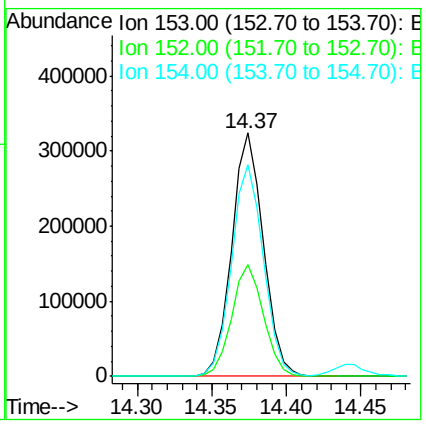


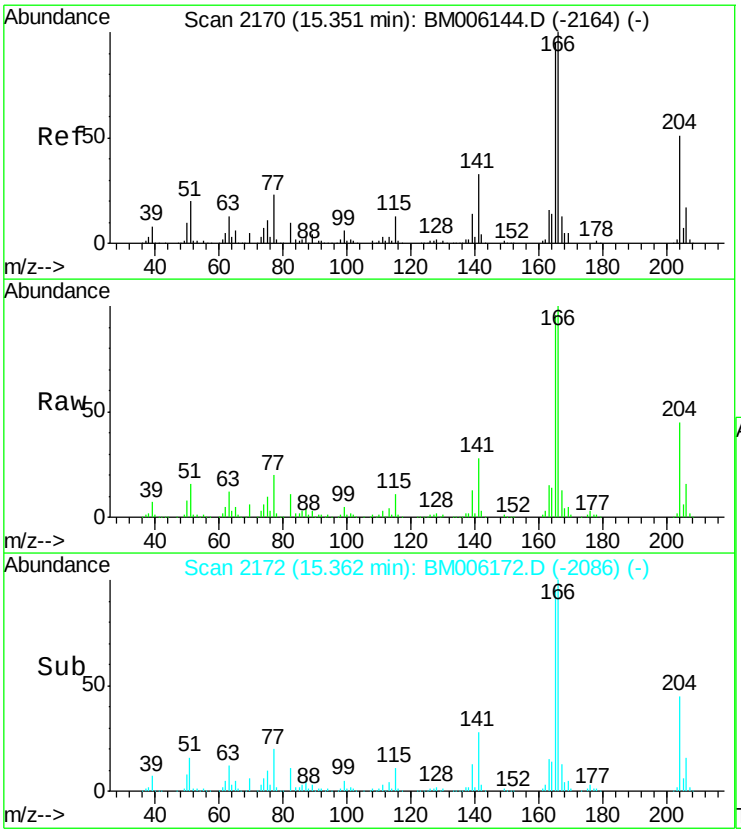
#19
Acenaphthene
Concen: 16.18 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:153 Resp: 477303

Ion	Ratio	Lower	Upper
153	100		
152	45.8	38.1	57.1
154	86.9	71.6	107.4

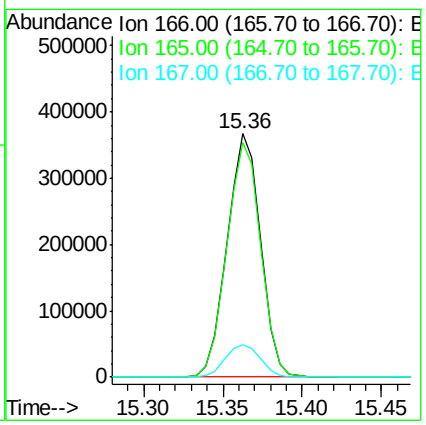


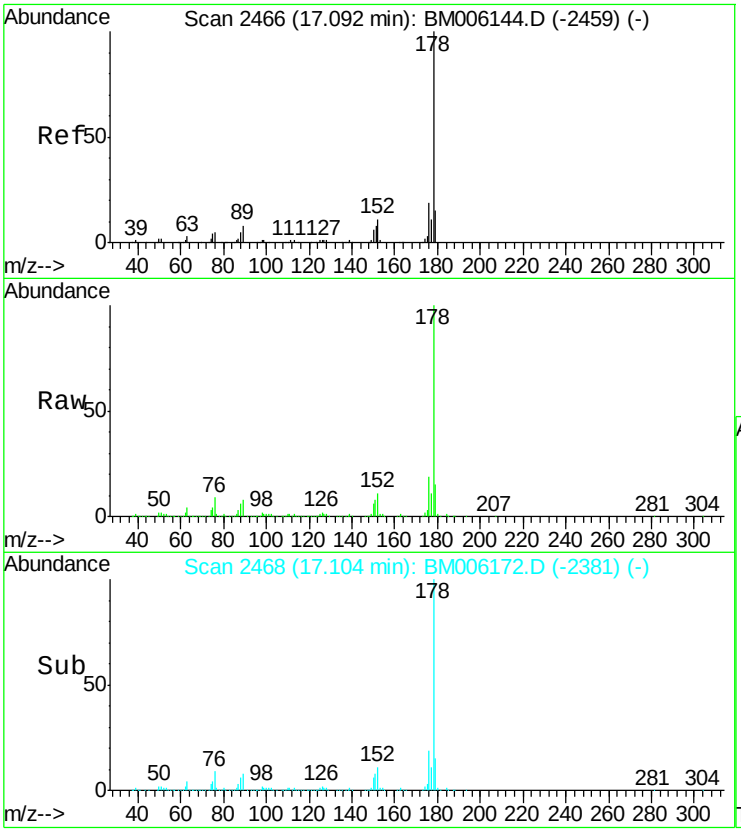


#22
Fluorene
Concen: 15.95 ng/ul
RT: 15.36 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Tgt Ion:166 Resp: 535282

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.4	117.6
167	13.3	10.6	16.0



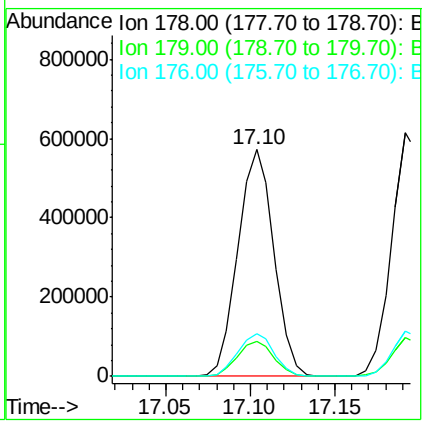


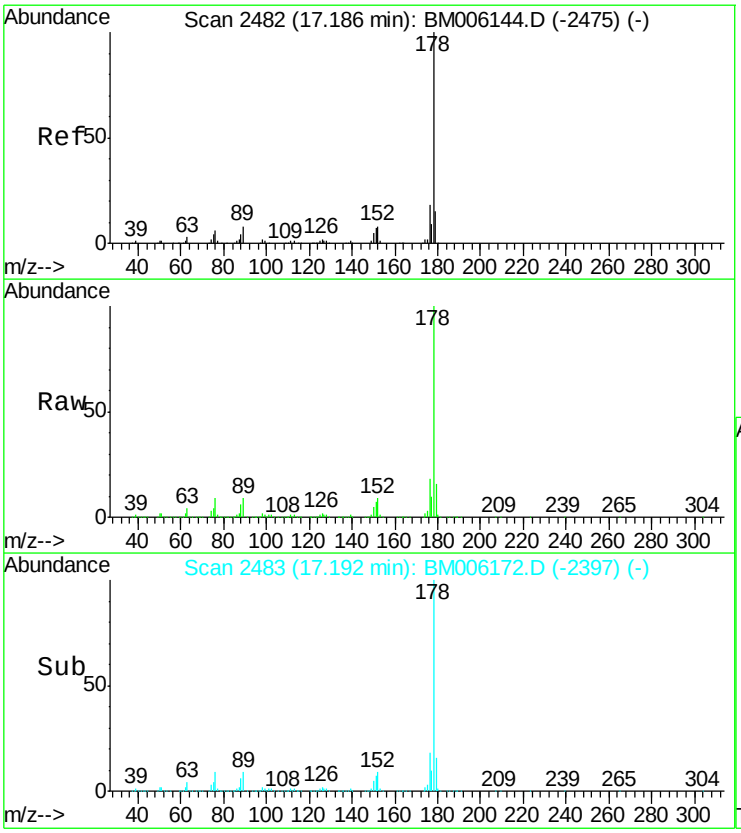
#25
Phenanthrene
Concen: 16.09 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:178 Resp: 847253

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.9	15.3	22.9

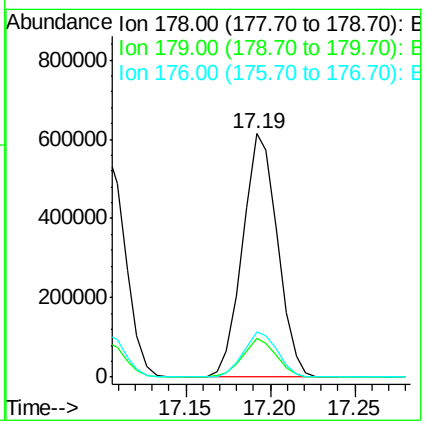


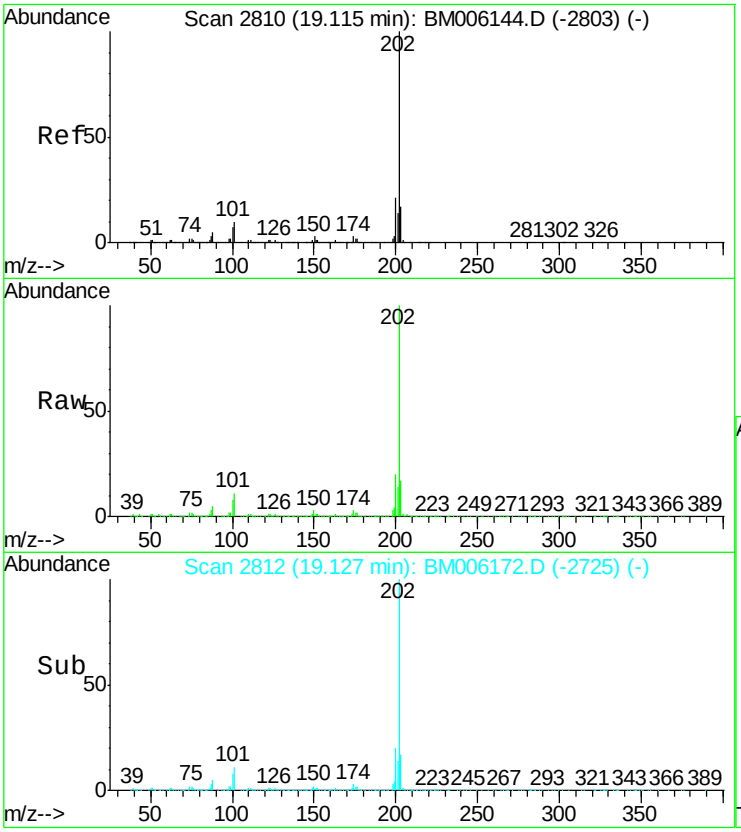


#27
Anthracene
Concen: 16.31 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Tgt Ion:178 Resp: 883091

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.4	14.6	22.0



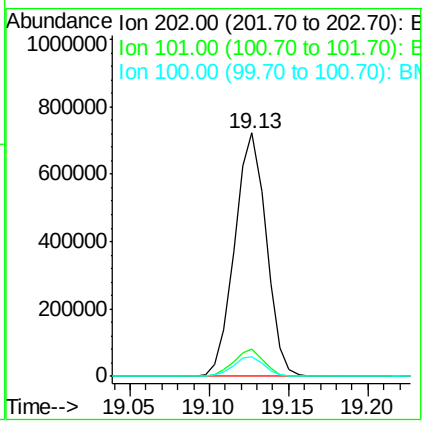


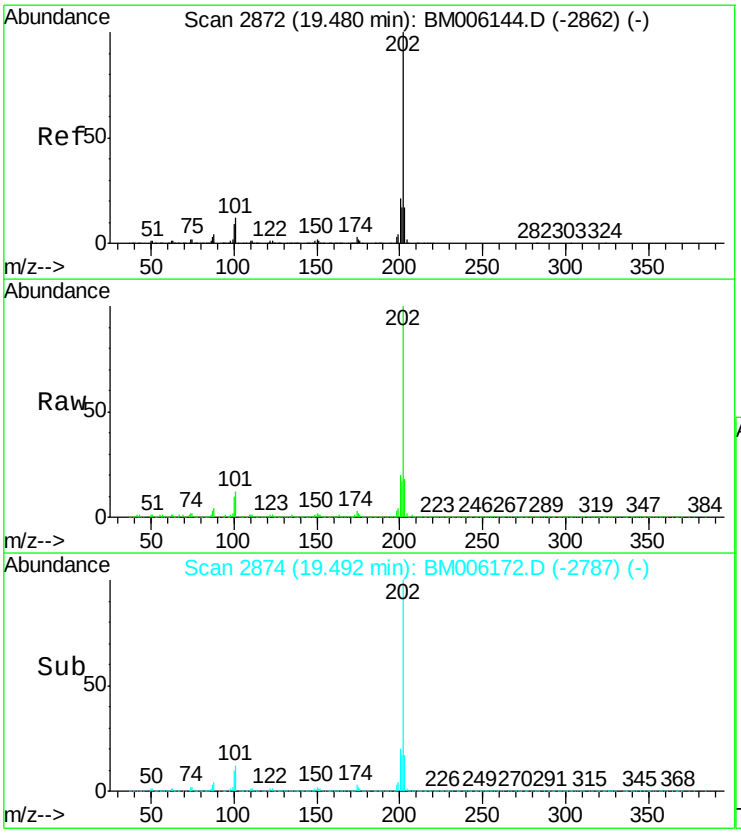
#28
Fluoranthene
Concen: 15.41 ng/ul
RT: 19.13 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:202 Resp: 994107

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.5	12.7
100	8.0	6.5	9.7

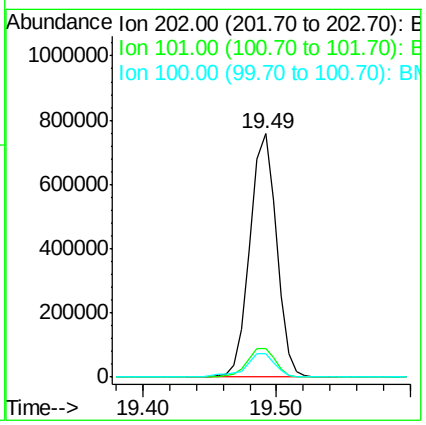


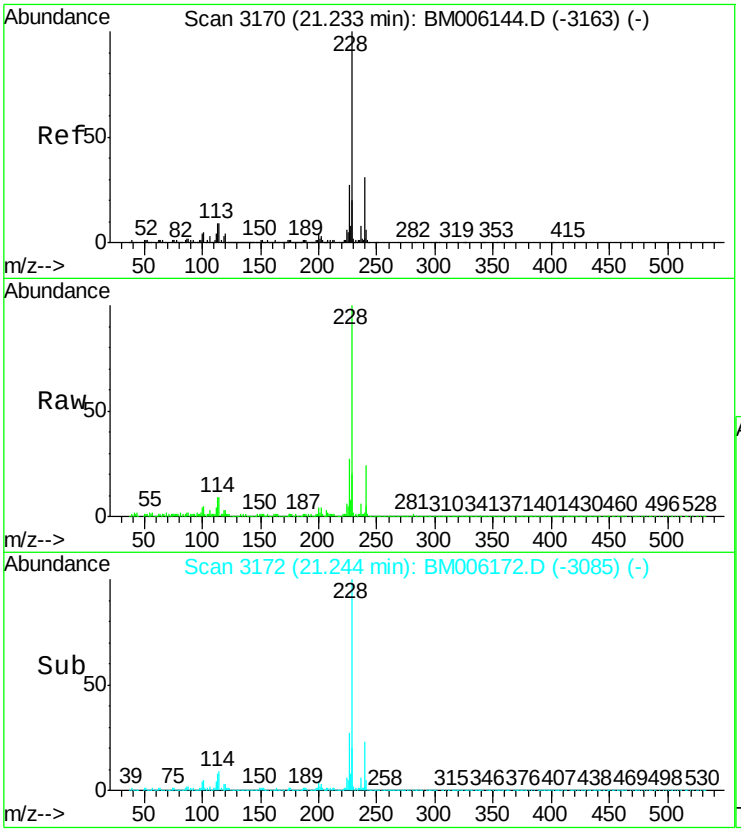


#31
Pyrene
Concen: 16.85 ng/ul
RT: 19.49 min Scan# 2874
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Tgt Ion:202 Resp: 1032035

Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.0	16.4
100	9.6	8.9	13.3



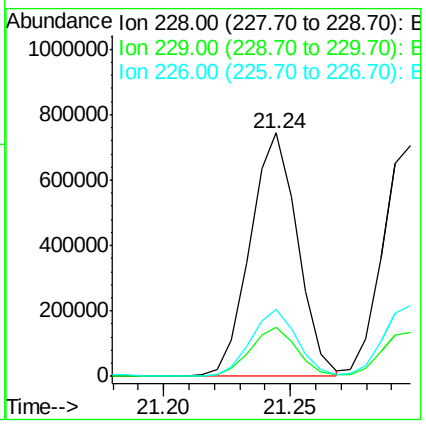


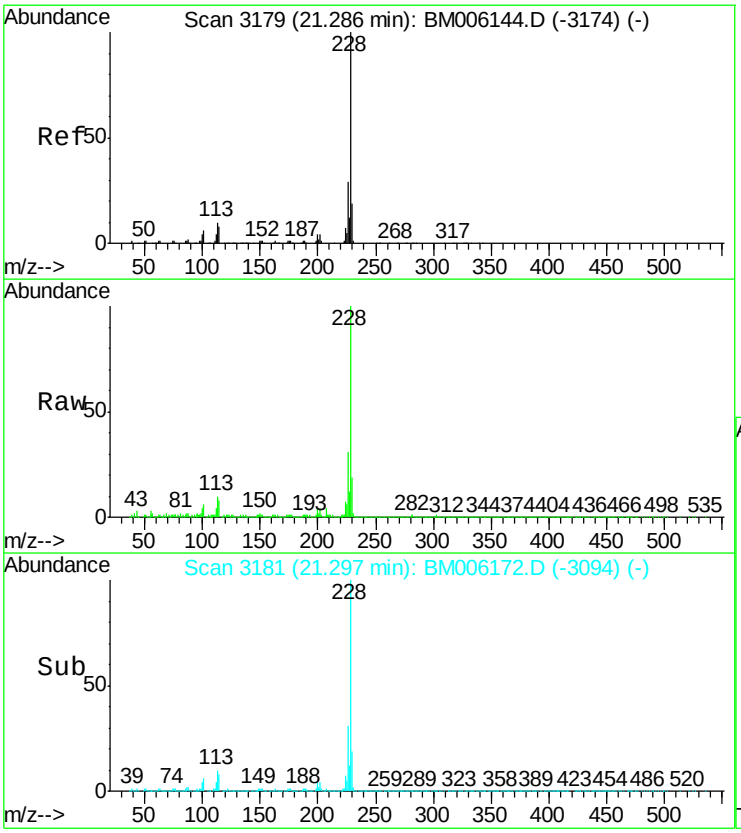
#32
Benzo(a)anthracene
Concen: 15.98 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:228 Resp: 964383

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.6	23.4
226	27.4	21.6	32.4

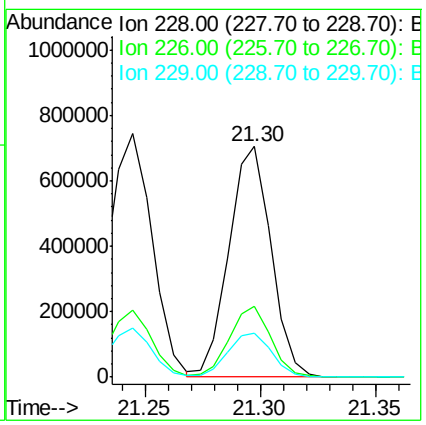


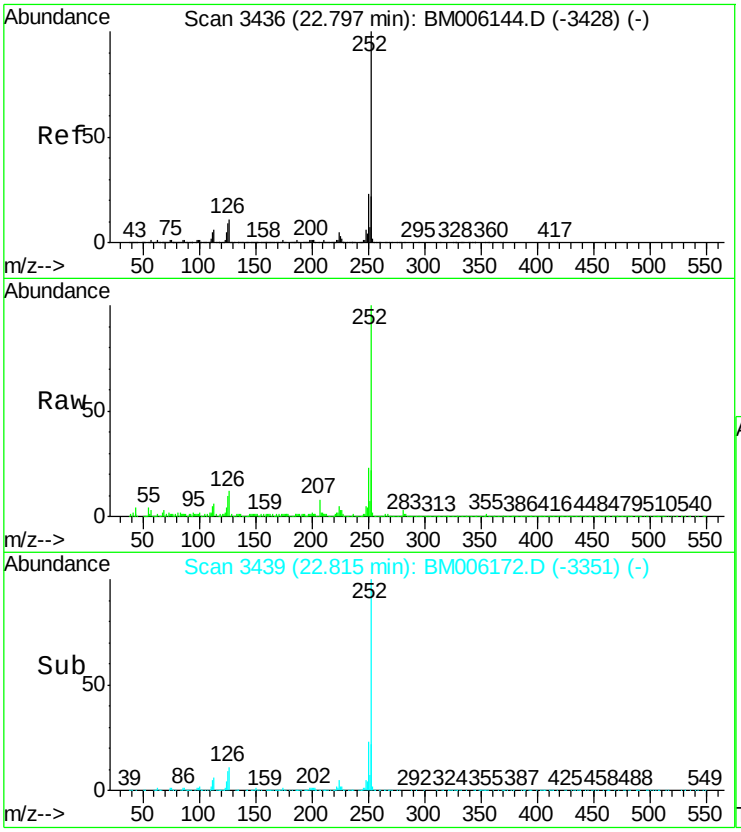


#33
Chrysene
Concen: 16.06 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Tgt Ion:228 Resp: 892499

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	19.2	15.8	23.6



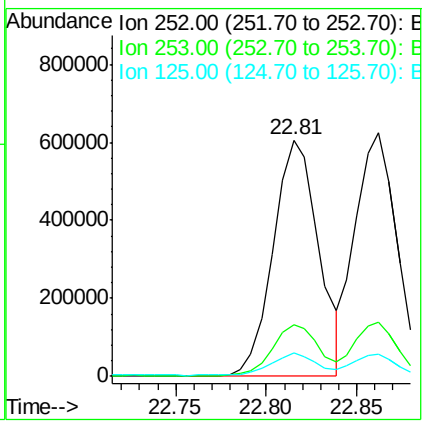


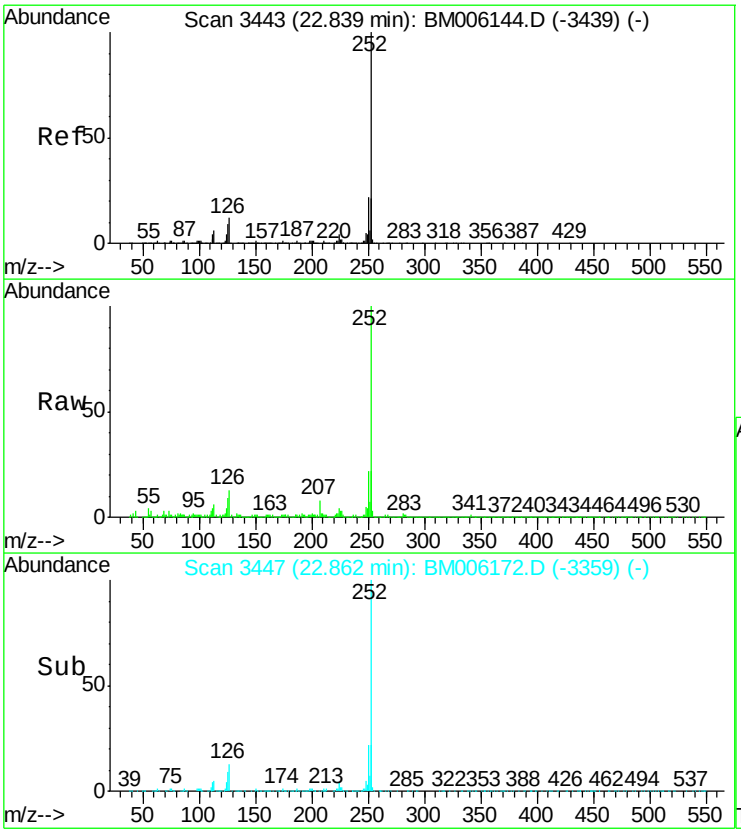
#35
Benzo(b)fluoranthene
Concen: 15.78 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:252 Resp: 1055364

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.9	7.8	11.6

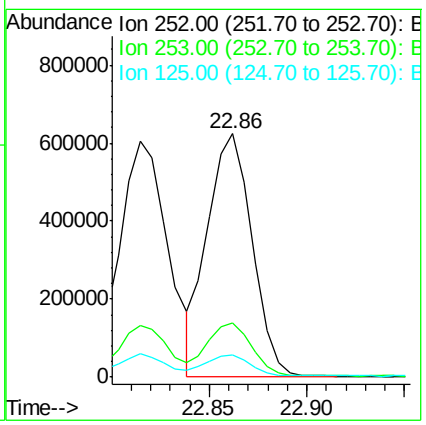


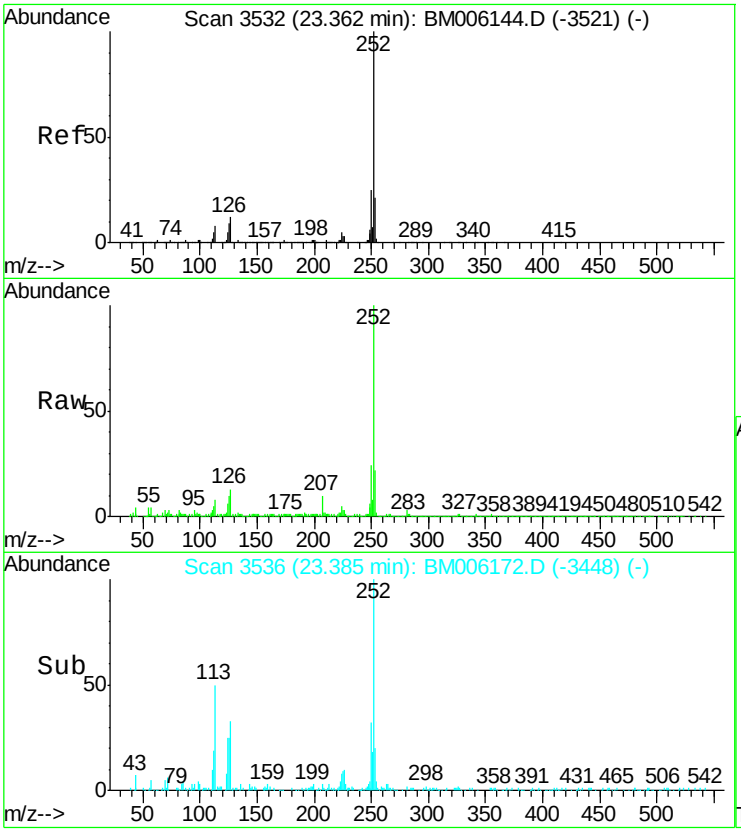


#36
Benzo(k)fluoranthene
Concen: 15.77 ng/ul
RT: 22.86 min Scan# 3447
Delta R.T. 0.02 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Tgt Ion:252 Resp: 989838

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.1	8.1	12.1



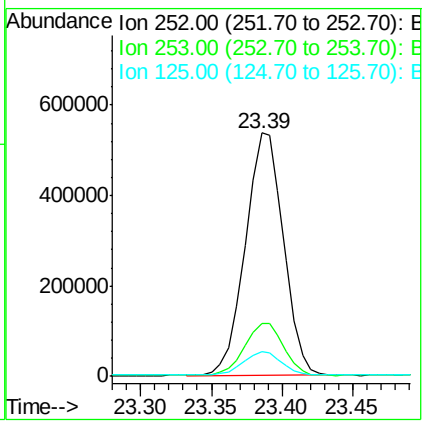


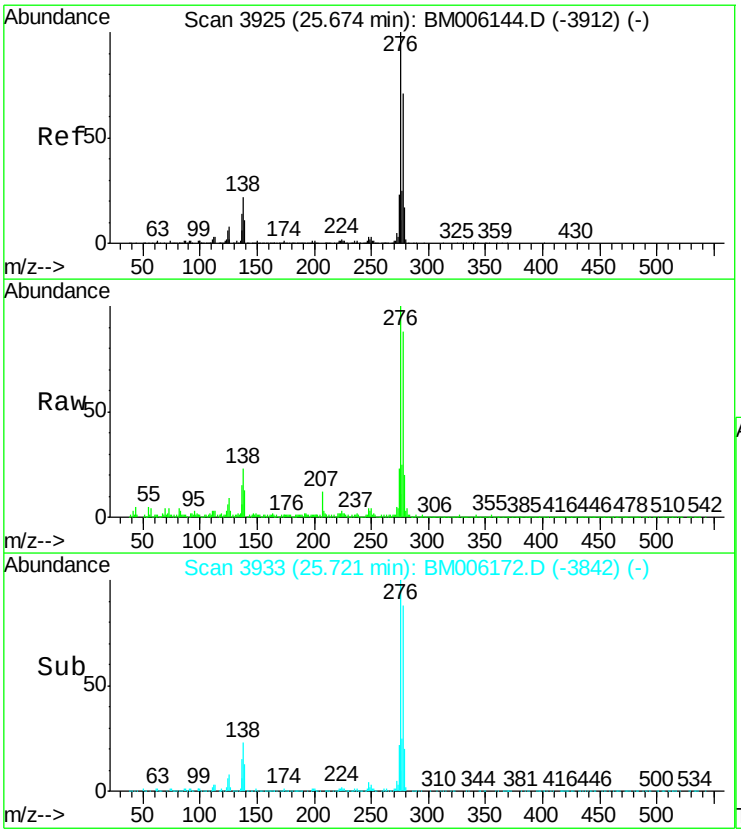
#38
Benzo(a)pyrene
Concen: 16.08 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. 0.02 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:252 Resp: 1016302

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	10.0	8.7	13.1

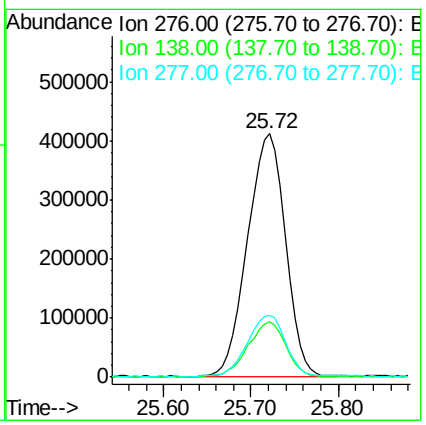


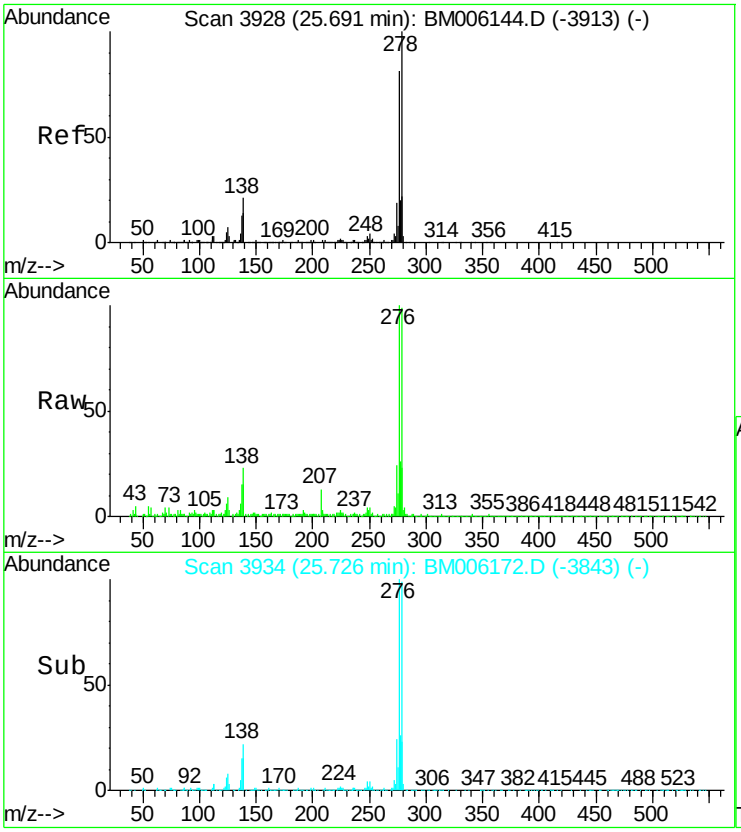


#39
Indeno(1,2,3-cd)pyrene
Concen: 18.56 ng/ul
RT: 25.72 min Scan# 3933
Delta R.T. 0.04 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Tgt Ion:276 Resp: 1219656

Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.4	30.6
277	25.5	20.6	30.8



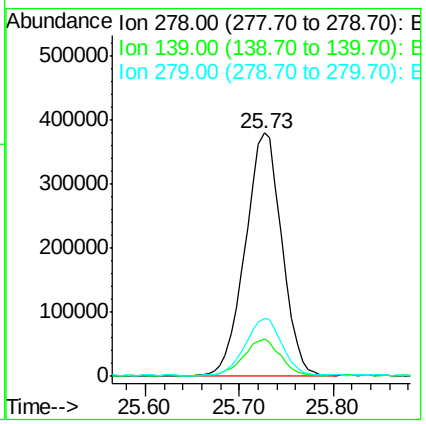


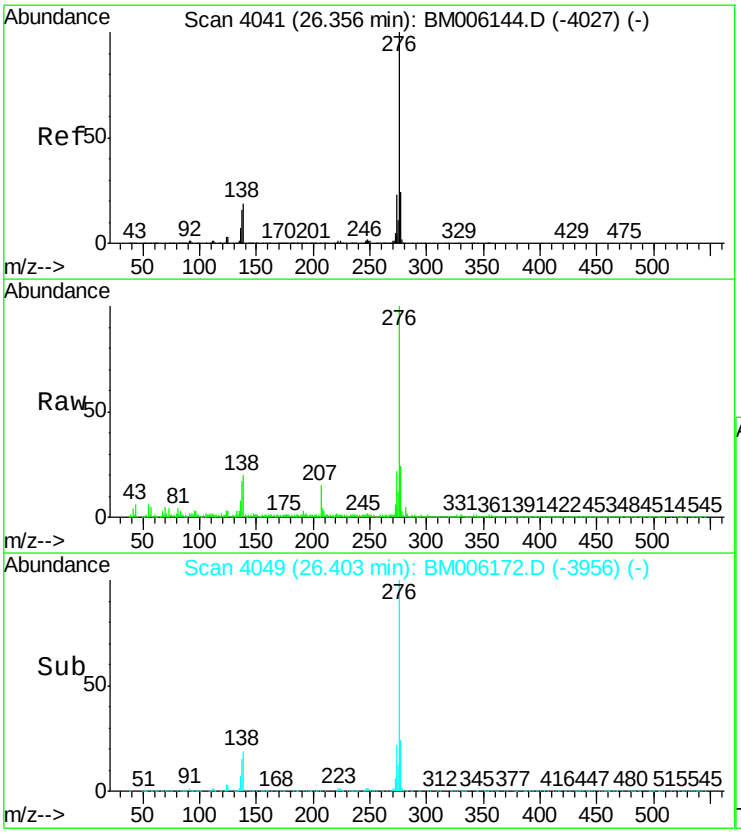
#40
Dibenzo(a,h)anthracene
Concen: 18.69 ng/ul
RT: 25.73 min Scan# 3934
Delta R.T. 0.04 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:278 Resp: 1015604

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.0	19.4
279	23.7	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 19.05 ng/ul
RT: 26.40 min Scan# 4049
Delta R.T. 0.05 min
Lab File: BM006172.D
Acq: 01 Jul 2016 00:00

Tgt Ion:276 Resp: 1047781

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.6	25.0
277	24.0	18.9	28.3