Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q7

Quant Time: Aug 03 02:10:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 02:05:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	95527	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	415997	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	258090	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	586958	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	557157	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	480469	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	1363	0.74	ng/uL	0.00
5) Phenol-d5	6.75	99	37240	5.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	22583	5.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	30966	5.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	27346	5.04	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	17826	6.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	17892	5.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	30609	4.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	20630	2.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	114315	6.05	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	148424	6.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	5683	1.80	ng/ul	0.02
58) Fluorene-d10	15.23	176	107321	6.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	402	0.11	ng/ul	0.01
71) Anthracene-d10	17.08	188	160477	6.12	ng/ul	0.00
79) Pyrene-d10	19.39	212	169707	7.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	135829	5.83	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.69	163	47751	2.53	ng/ul	100
70) Phenanthrene	17.02	178	210261	6.92	ng/ul	99
72) Anthracene	17.11	178	61311	1.97	ng/ul	98
76) Di-n-butylphthalate	17.94	149	52338	1.65	ng/ul#	94
77) Fluoranthene	19.05	202	417482	11.89	ng/ul	100
80) Pyrene	19.42	202	380939	12.56	ng/ul	100
81) Butylbenzylphthalate	20.32	149	305112	26.35	ng/ul	98
83) Benzo(a)anthracene	21.17	228	194883	6.31	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.10	149	350231	19.76	ng/ul	99
85) Chrysene	21.23	228	220630	7.64	ng/ul	96
88) Benzo(b)fluoranthene	22.73	252	285973	10.59	ng/ul#	92
89) Benzo(k)fluoranthene	22.73	252	189815	7.29	ng/ul#	93
91) Benzo(a)pyrene	23.29	252	181077	6.95	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.59	276	149072	4.96	ng/ul	97
93) Dibenzo(a,h)anthracene	25.59	278	38130	1.48	ng/ul#	79
94) Benzo(g,h,i)perylene	26.27	276	148132	5.88	ng/ul	96

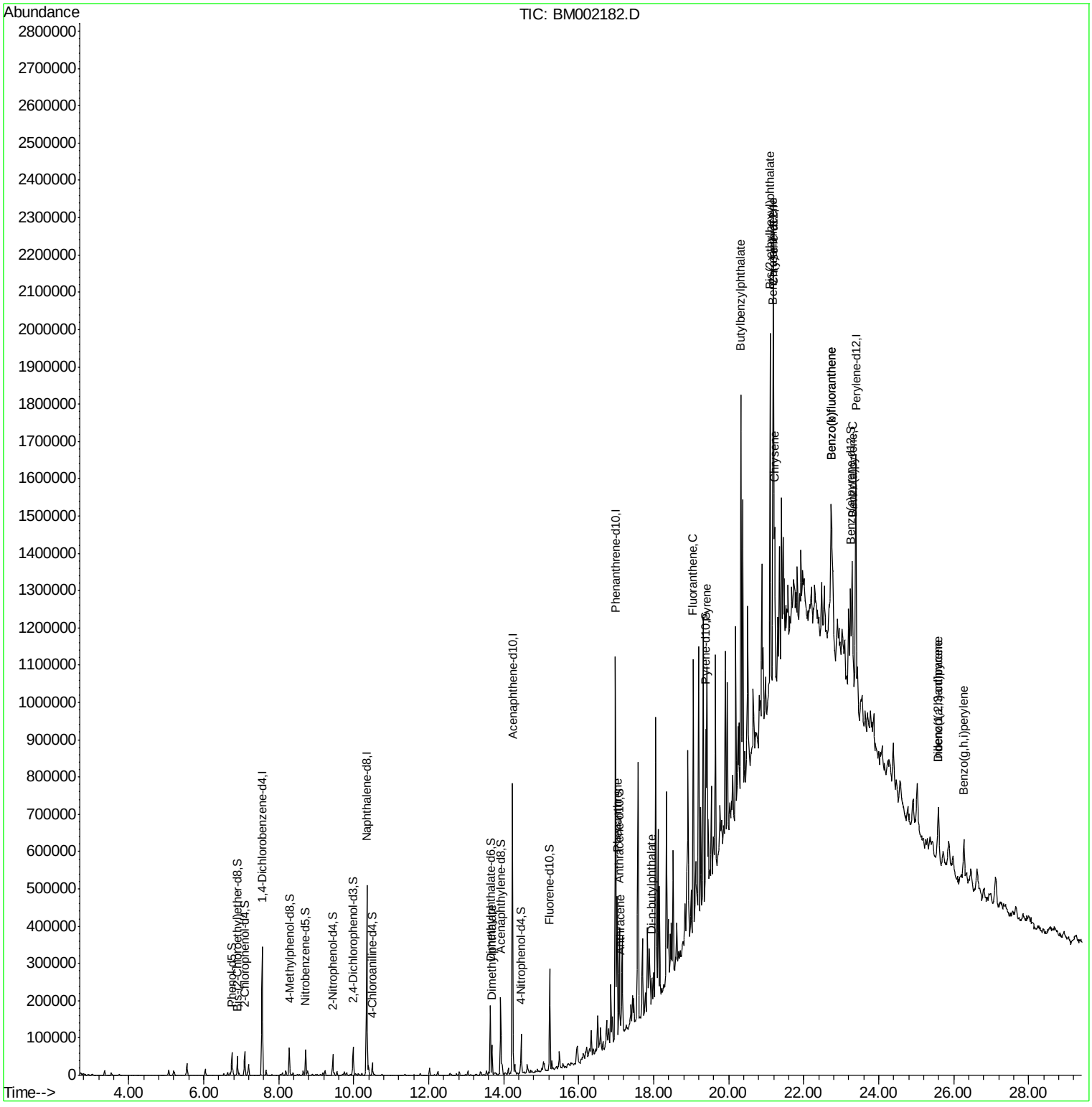
(#) = qualifier out of range (m) = manual integration (+) = signals summed

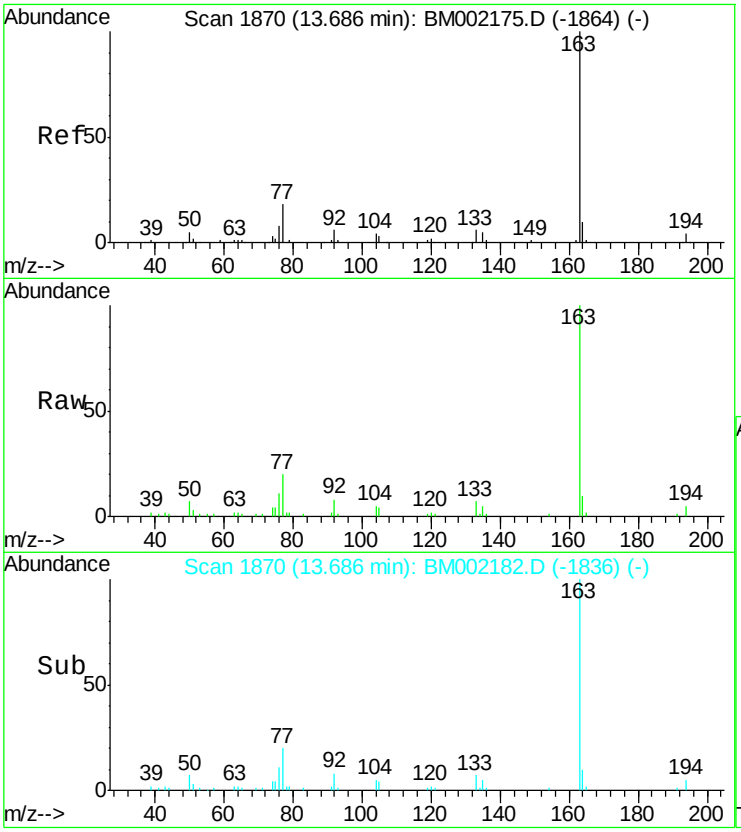
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q7

Quant Time: Aug 03 02:10:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 02:05:53 2015
Response via : Initial Calibration



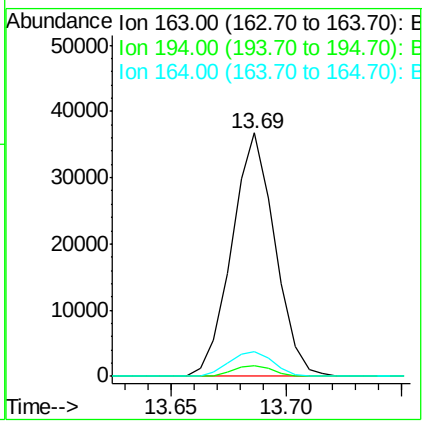


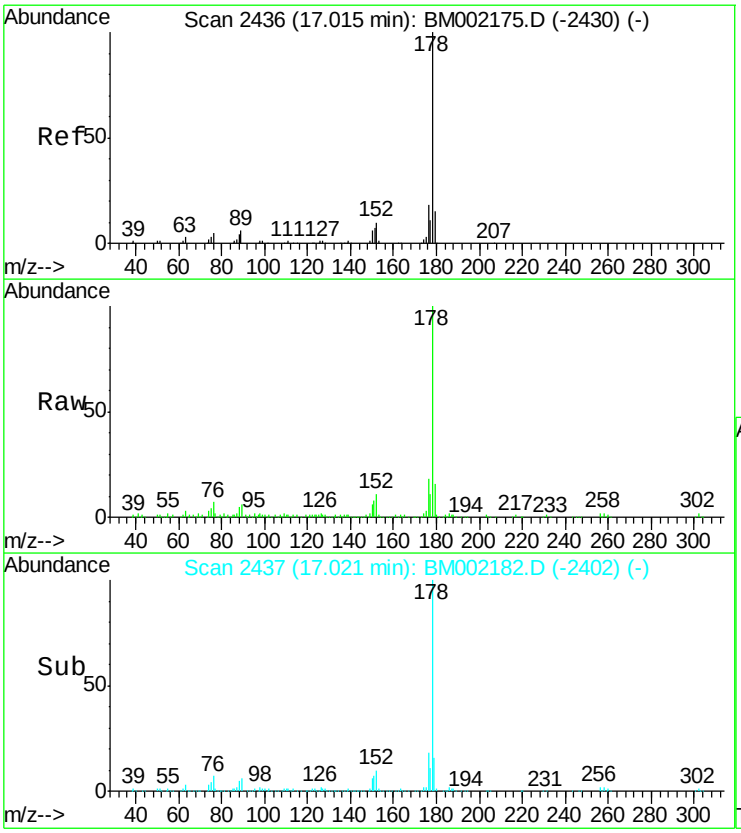
#45
Dimethylphthalate
Concen: 2.53 ng/ul
RT: 13.69 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Instrument : BNA_M
ClientSampleId : C01Q7

Tgt Ion:163 Resp: 47751

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.1	8.0	12.0

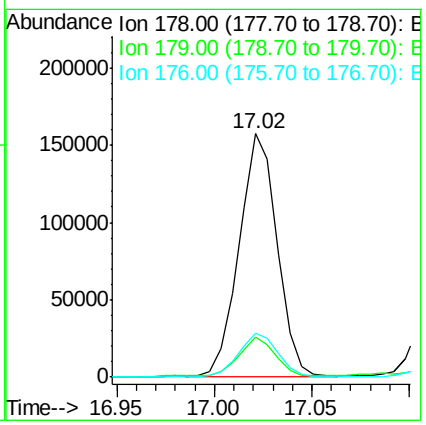


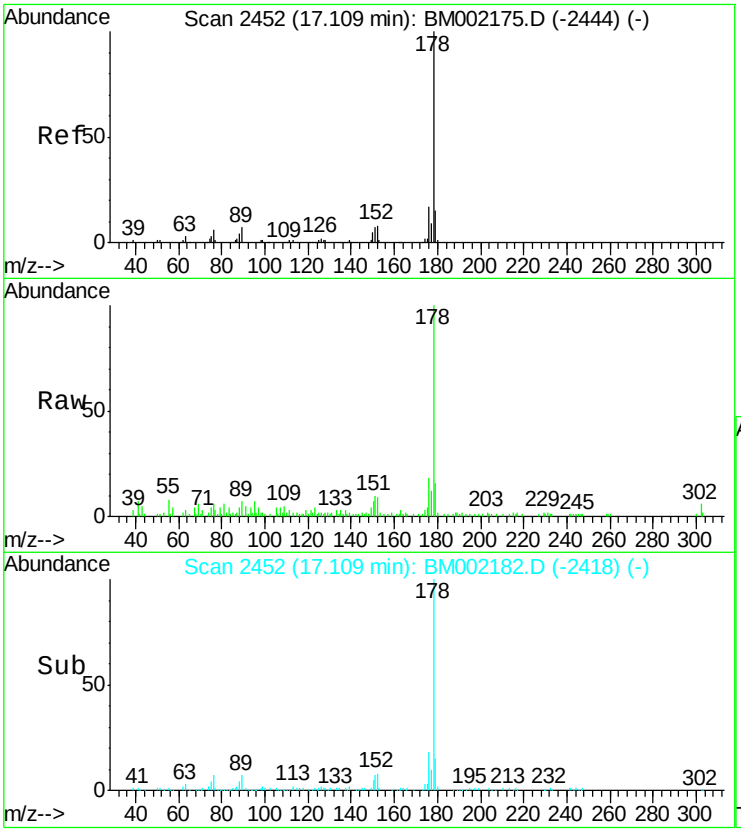


#70
Phenanthrene
Concen: 6.92 ng/ul
RT: 17.02 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Tgt Ion:178 Resp: 210261

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	18.0	14.2	21.4



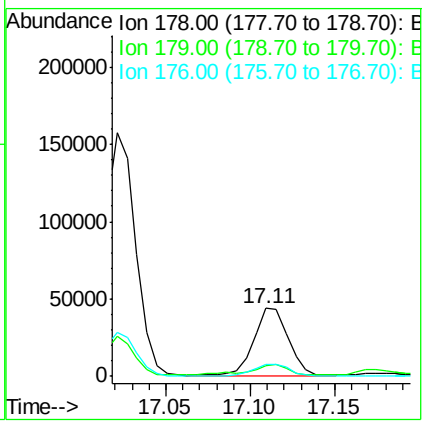


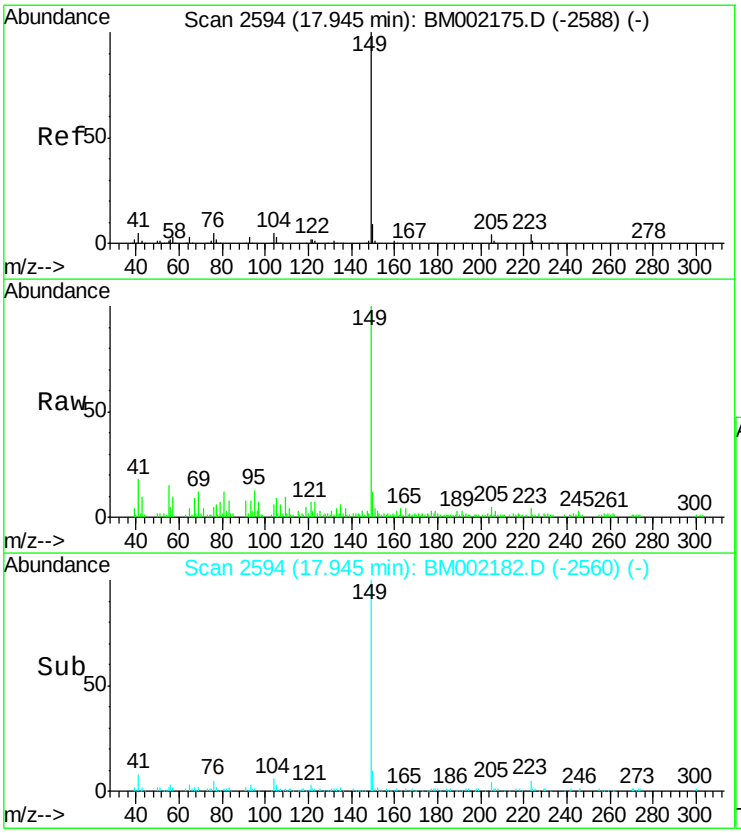
#72
Anthracene
Concen: 1.97 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Instrument :
BNA_M
ClientSampleId :
C01Q7

Tgt Ion:178 Resp: 61311

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	18.3	14.1	21.1

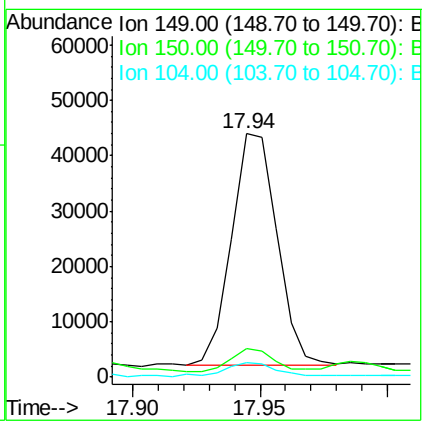


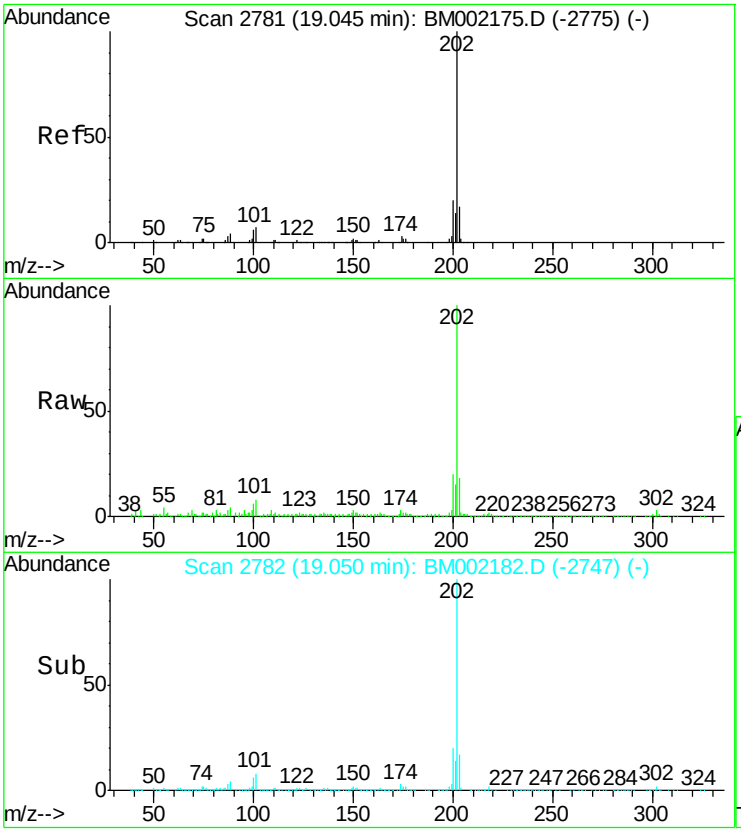


#76
Di-n-butylphthalate
Concen: 1.65 ng/ul
RT: 17.94 min Scan# 2594
Delta R.T. -0.00 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Tgt Ion:149 Resp: 52338

Ion	Ratio	Lower	Upper
149	100		
150	11.8	7.0	10.4#
104	6.0	4.2	6.2



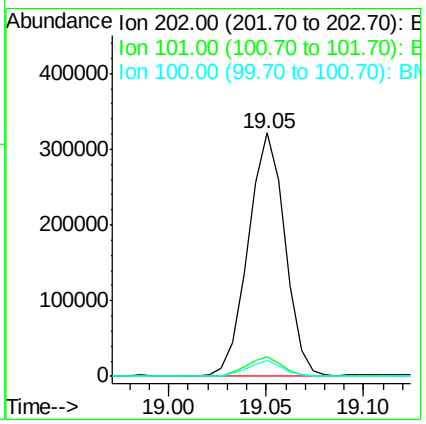


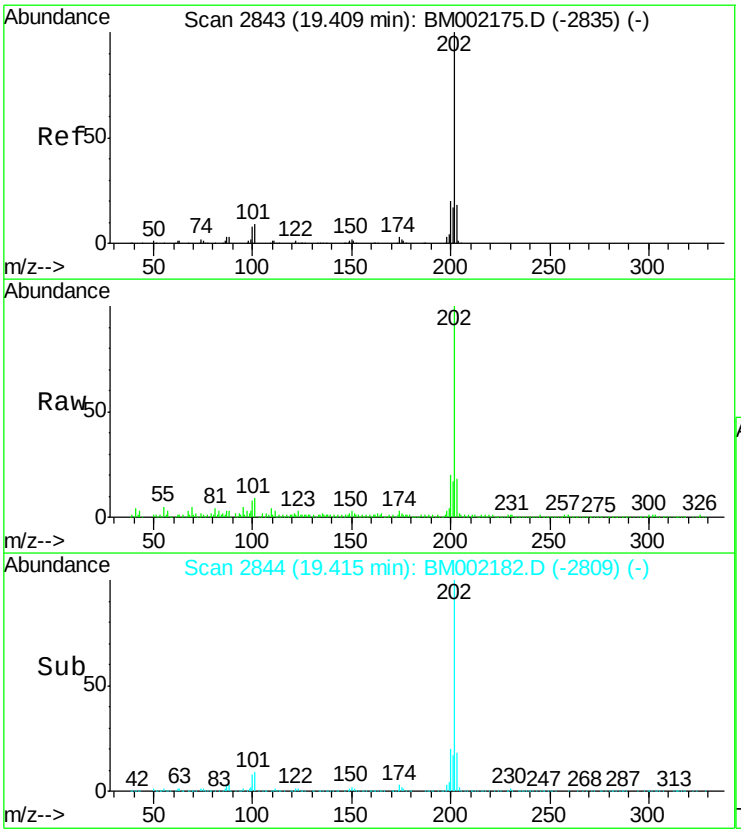
#77
Fluoranthene
Concen: 11.89 ng/ul
RT: 19.05 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Instrument :
BNA_M
ClientSampleId :
C01Q7

Tgt Ion:202 Resp: 417482

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.2	9.4
100	6.4	5.2	7.8

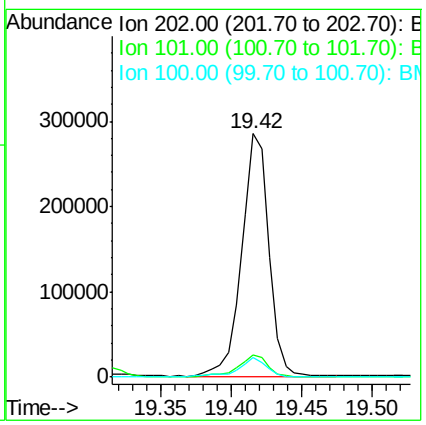


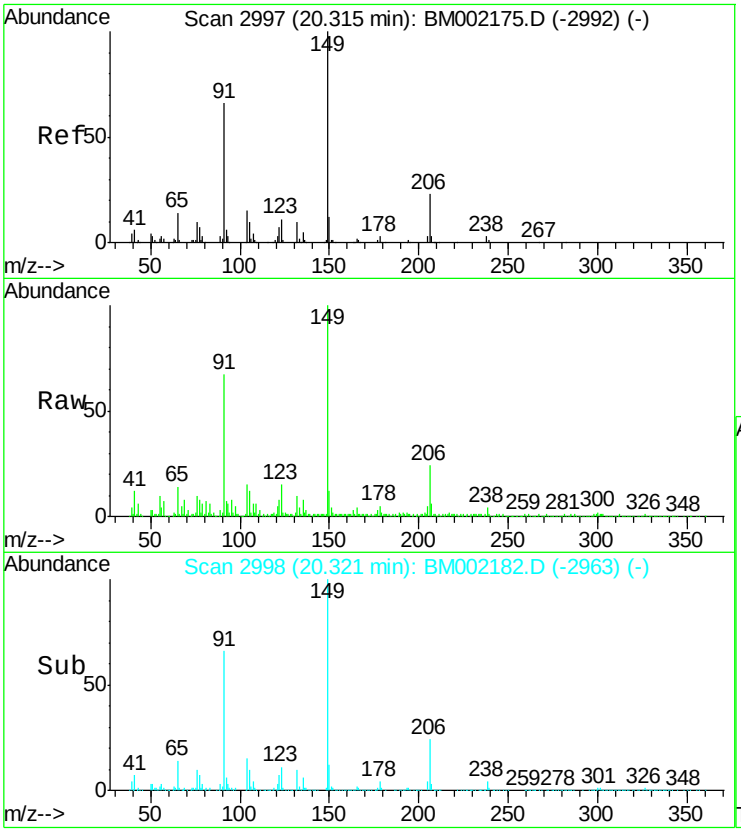


#80
Pyrene
Concen: 12.56 ng/ul
RT: 19.42 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Tgt Ion:202 Resp: 380939

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.4	11.2
100	7.9	6.3	9.5



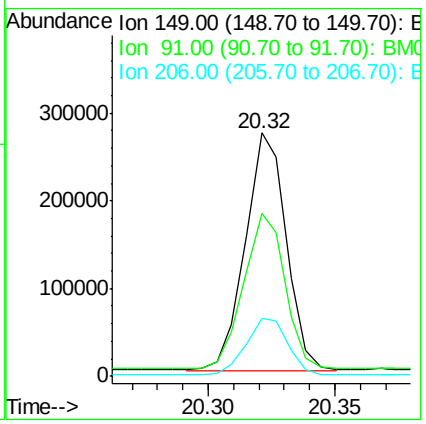


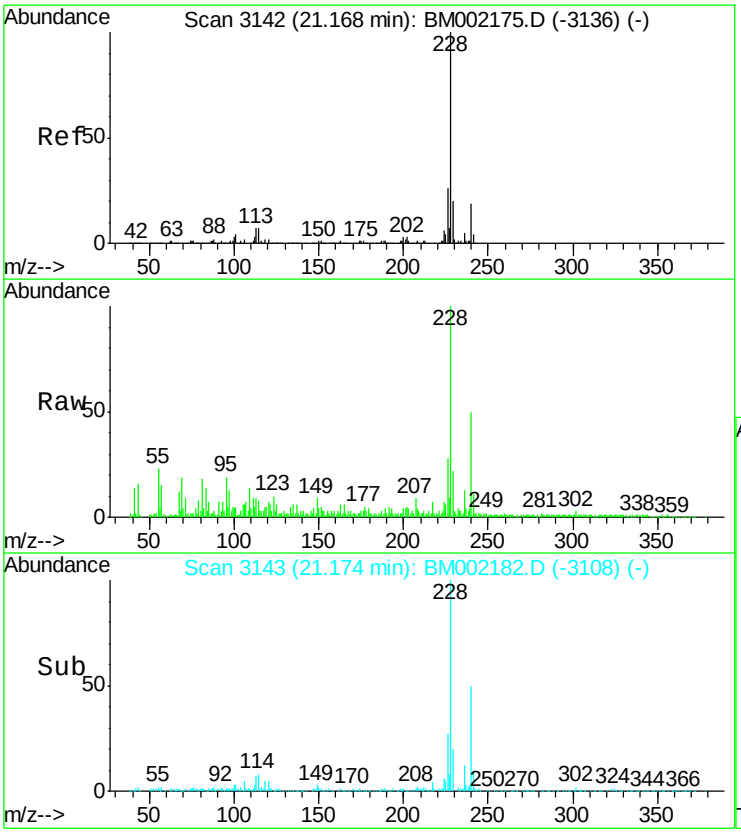
#81
Butylbenzylphthalate
Concen: 26.35 ng/ul
RT: 20.32 min Scan# 2998
Delta R.T. 0.01 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Instrument :
BNA_M
ClientSampleId :
C01Q7

Tgt Ion:149 Resp: 305112

Ion	Ratio	Lower	Upper
149	100		
91	67.1	52.4	78.6
206	23.7	19.9	29.9

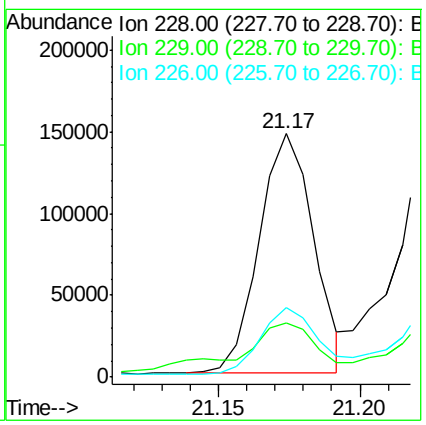


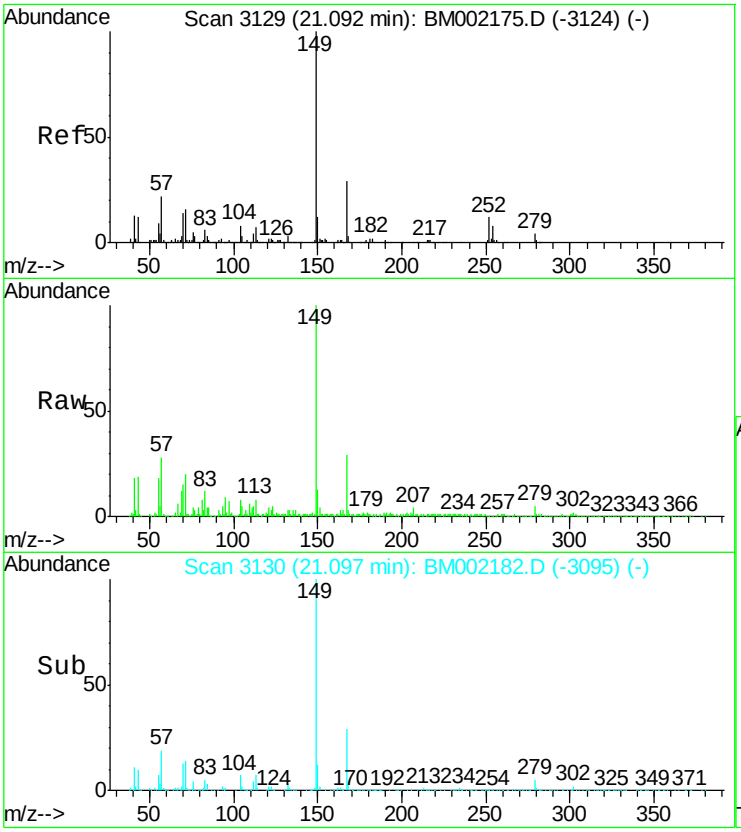


#83
Benzo(a)anthracene
Concen: 6.31 ng/ul
RT: 21.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Tgt Ion:228 Resp: 194883

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.4	23.2
226	28.3	20.5	30.7



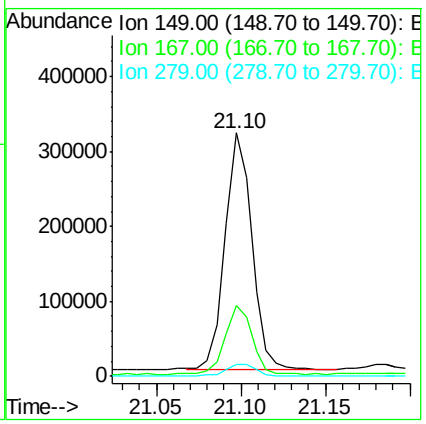


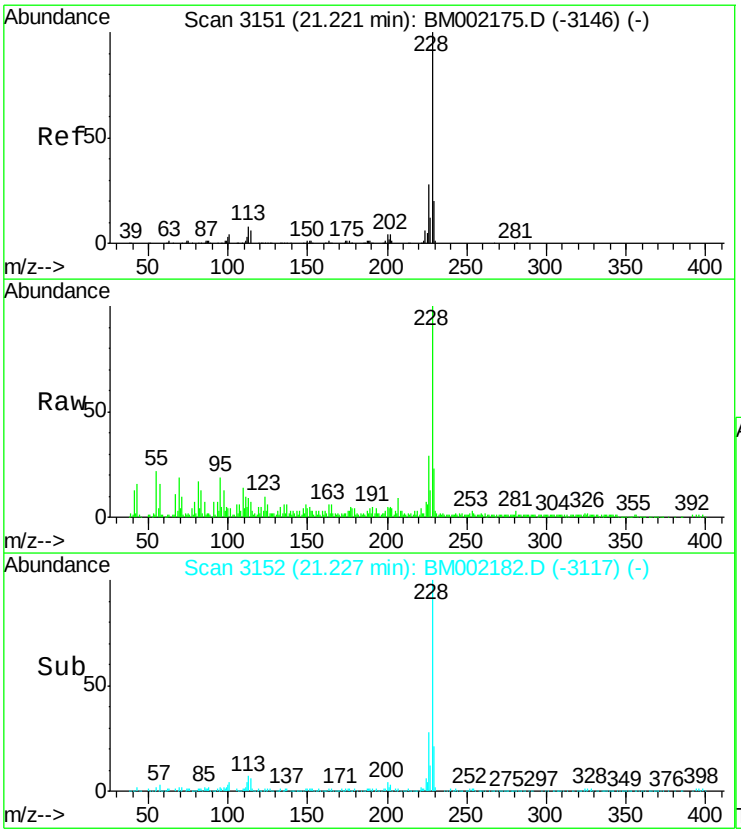
#84
Bis(2-ethylhexyl)phthalate
Concen: 19.76 ng/ul
RT: 21.10 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Instrument :
BNA_M
ClientSampleId :
C01Q7

Tgt Ion:149 Resp: 350231

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.6	35.4
279	4.7	4.2	6.4

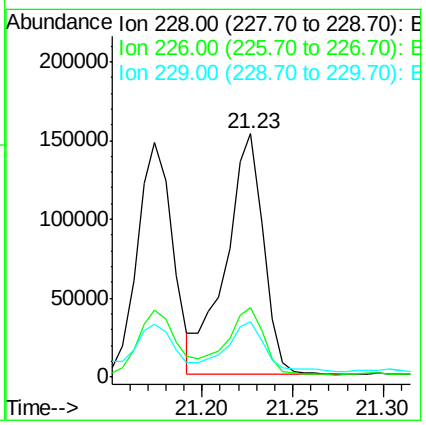


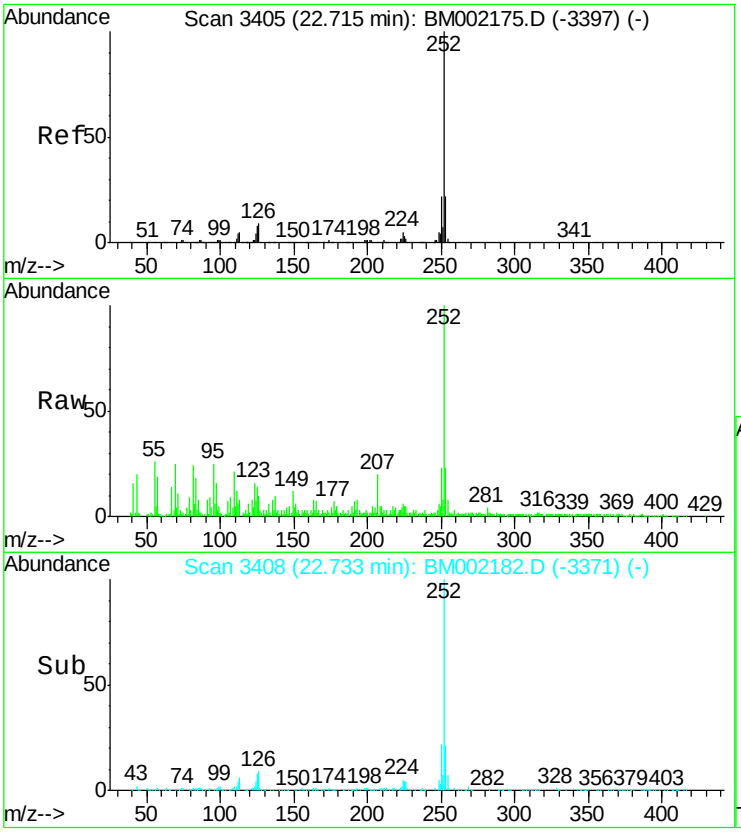


#85
Chrysene
Concen: 7.64 ng/ul
RT: 21.23 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Tgt Ion:228 Resp: 220630

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	22.9	15.5	23.3



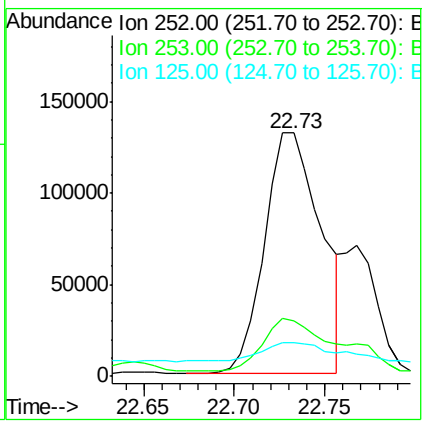


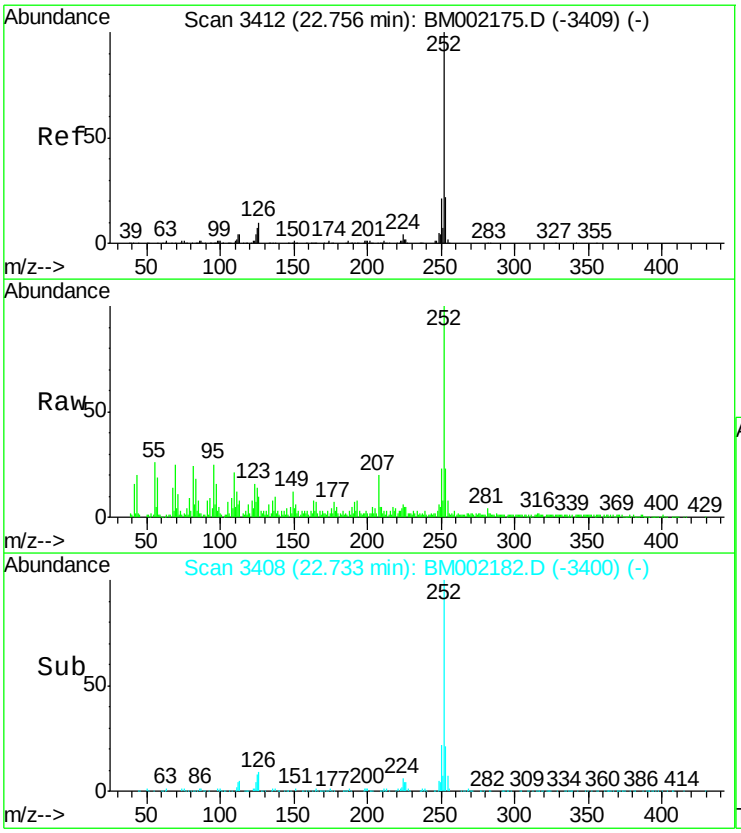
#88
Benzo(b)fluoranthene
Concen: 10.59 ng/ul
RT: 22.73 min Scan# 3408
Delta R.T. 0.02 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Instrument :
BNA_M
ClientSampleId :
C01Q7

Tgt Ion:252 Resp: 285973

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.9	25.3
125	14.1	6.2	9.2#

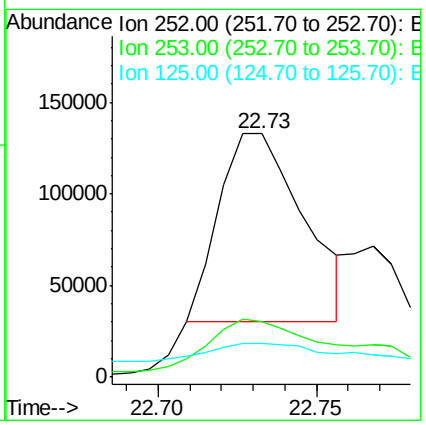


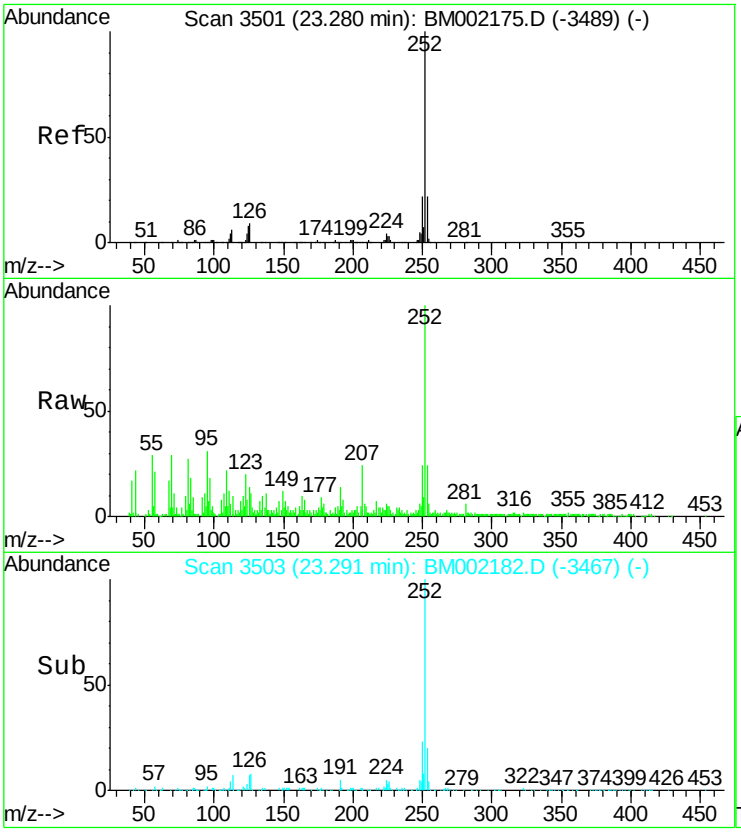


#89
Benzo(k)fluoranthene
Concen: 7.29 ng/ul
RT: 22.73 min Scan# 3408
Delta R.T. -0.02 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Tgt Ion:252 Resp: 189815

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	14.1	6.2	9.4#



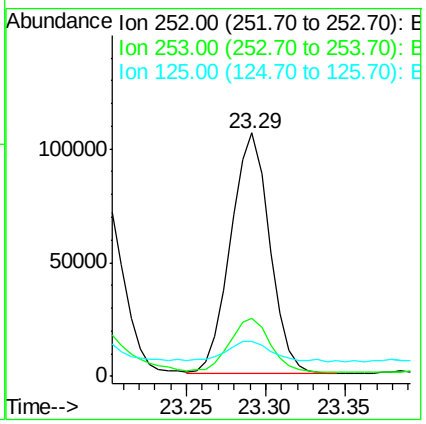


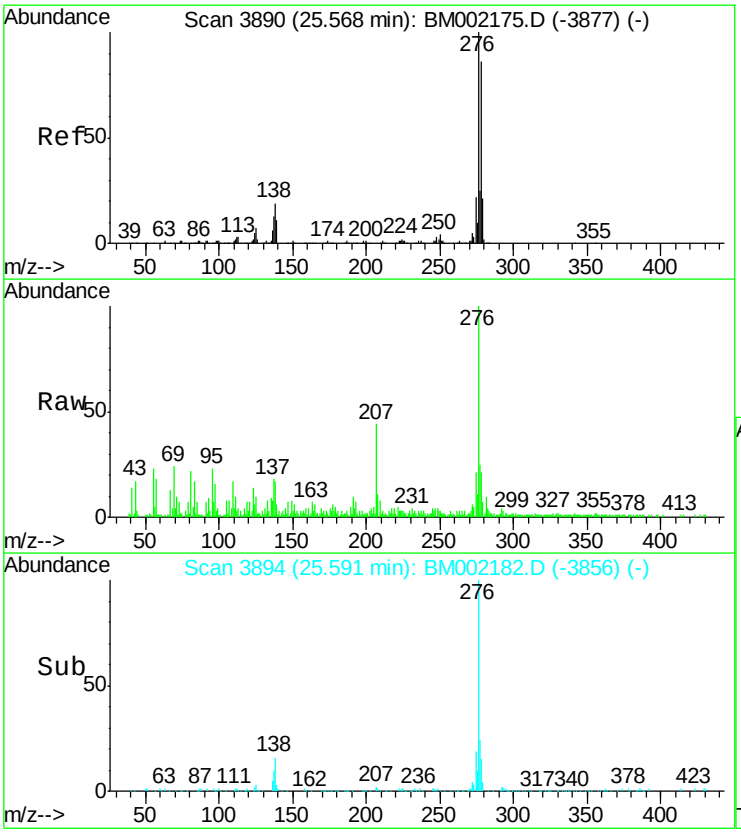
#91
Benzo(a)pyrene
Concen: 6.95 ng/ul
RT: 23.29 min Scan# 3503
Delta R.T. 0.01 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Instrument :
BNA_M
ClientSampleId :
C01Q7

Tgt Ion:252 Resp: 181077

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	14.1	6.6	10.0#

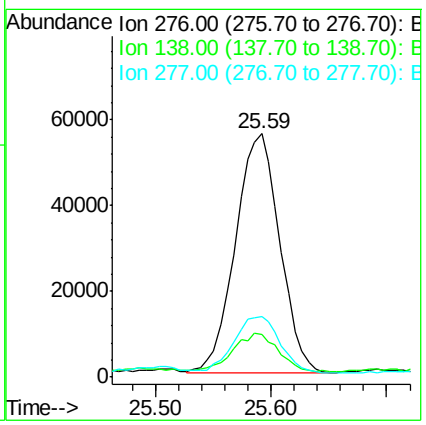


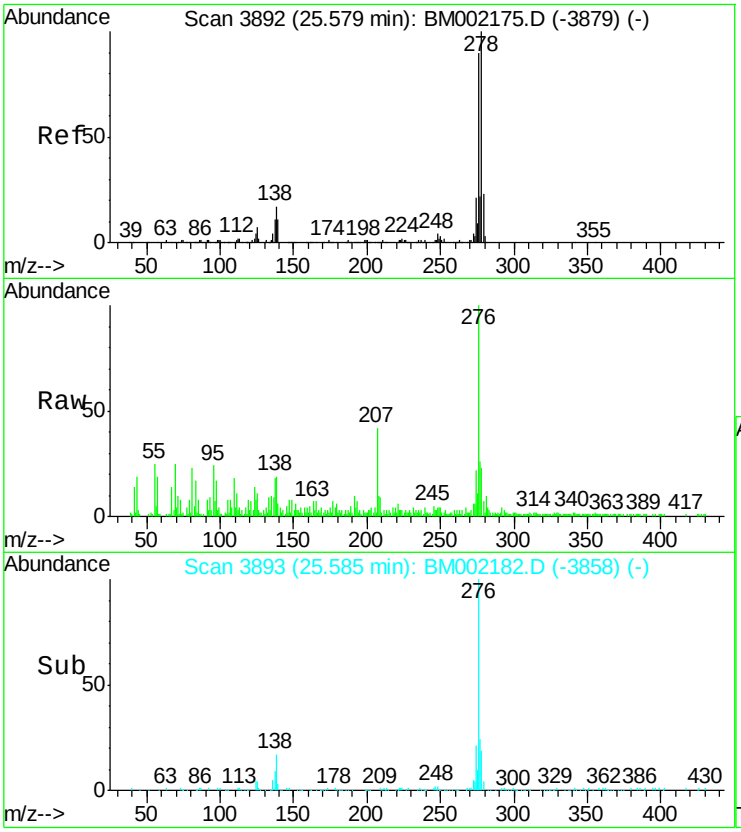


#92
Indeno(1,2,3-cd)pyrene
Concen: 4.96 ng/ul
RT: 25.59 min Scan# 3894
Delta R.T. 0.02 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Tgt Ion:276 Resp: 149072

Ion	Ratio	Lower	Upper
276	100		
138	17.4	16.2	24.2
277	25.1	19.8	29.8



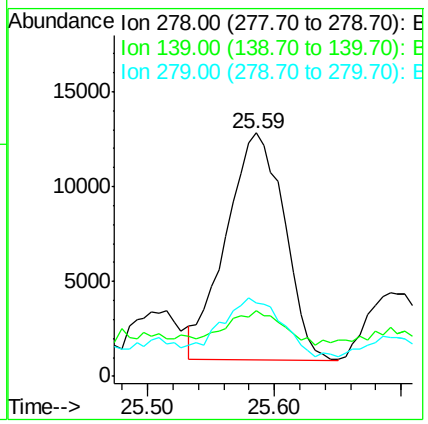


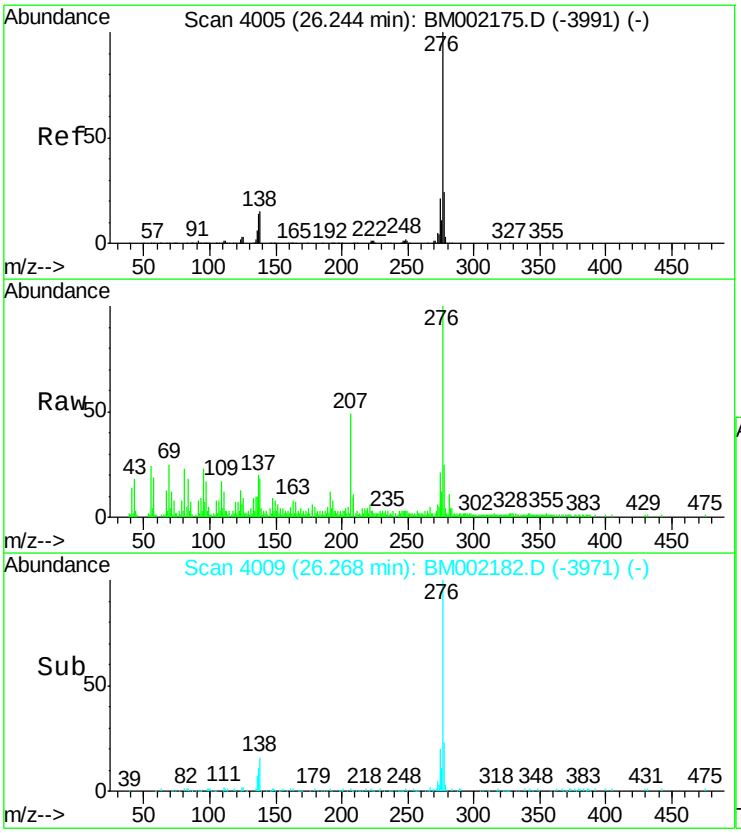
#93
Dibenzo(a,h)anthracene
Concen: 1.48 ng/ul
RT: 25.59 min Scan# 3893
Delta R.T. 0.01 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Instrument :
BNA_M
ClientSampleId :
C01Q7

Tgt Ion:278 Resp: 38130

Ion	Ratio	Lower	Upper
278	100		
139	27.0	10.6	16.0#
279	29.9	18.5	27.7#





#94
Benzo(g,h,i)perylene
Concen: 5.88 ng/ul
RT: 26.27 min Scan# 4009
Delta R.T. 0.02 min
Lab File: BM002182.D
Acq: 02 Aug 2015 23:06

Tgt Ion:276 Resp: 148132

Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.8	20.6
277	24.7	18.2	27.2