Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004052.D
Acq On : 15 Jan 2016 17:48
Operator : SJ/UM
Sample : H1100-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC992

Quant Time: Jan 16 00:39:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 00:22:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	39878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	191840	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	110287	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	242416	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	207057	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	183529	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	2805	3.15	ng/uL	0.00
5) Phenol-d5	6.85	99	68028	20.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	40637	21.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	59273	21.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	41758	15.56	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	31107	21.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	34249	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	59369	21.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	62875	16.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	200713	23.18	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	248012	23.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	25892	16.65	ng/ul	0.00
58) Fluorene-d10	15.32	176	177595	24.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	14609	10.69	ng/ul	0.00
71) Anthracene-d10	17.17	188	273161	24.36	ng/ul	0.00
79) Pyrene-d10	19.47	212	285280	26.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	230265	25.12	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.78	163	87105	9.87	ng/ul	100
70) Phenanthrene	17.12	178	140010	10.27	ng/ul	99
72) Anthracene	17.20	178	35684	2.55	ng/ul	99
77) Fluoranthene	19.14	202	288439	20.36	ng/ul	99
80) Pyrene	19.51	202	325562	23.16	ng/ul	100
83) Benzo(a)anthracene	21.26	228	138747	11.25	ng/ul	98
85) Chrysene	21.32	228	149229	12.74	ng/ul	98
88) Benzo(b)fluoranthene	22.85	252	156197	14.00	ng/ul	98
89) Benzo(k)fluoranthene	22.85	252	36280	3.42	ng/ul	97
91) Benzo(a)pyrene	23.42	252	119813	11.32	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.77	276	73243	6.26	ng/ul	96
93) Dibenzo(a,h)anthracene	25.77	278	21162	2.15	ng/ul#	86
94) Benzo(g,h,i)perylene	26.46	276	63835	6.49	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004052.D
Acq On : 15 Jan 2016 17:48
Operator : SJ/UM
Sample : H1100-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
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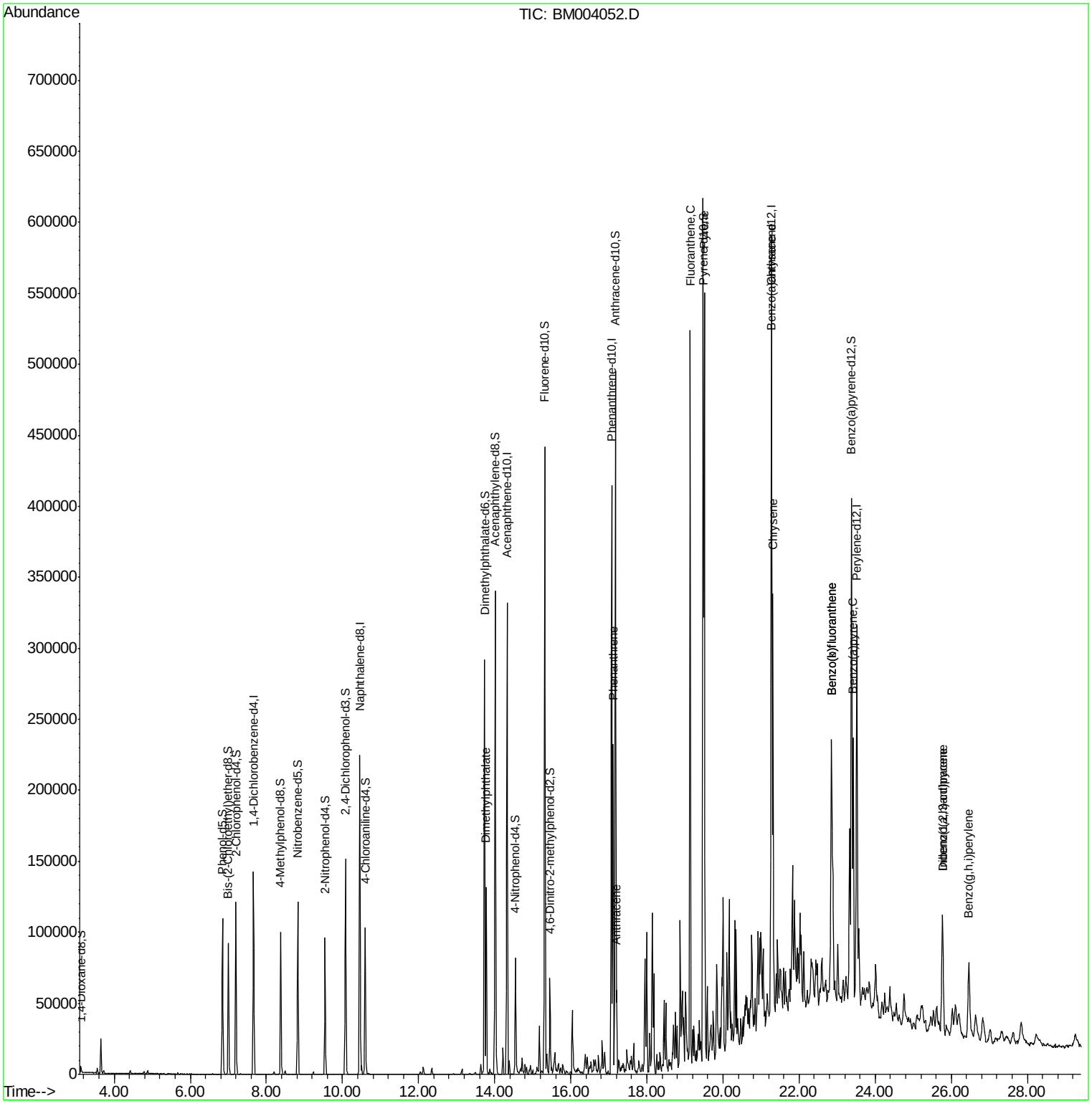
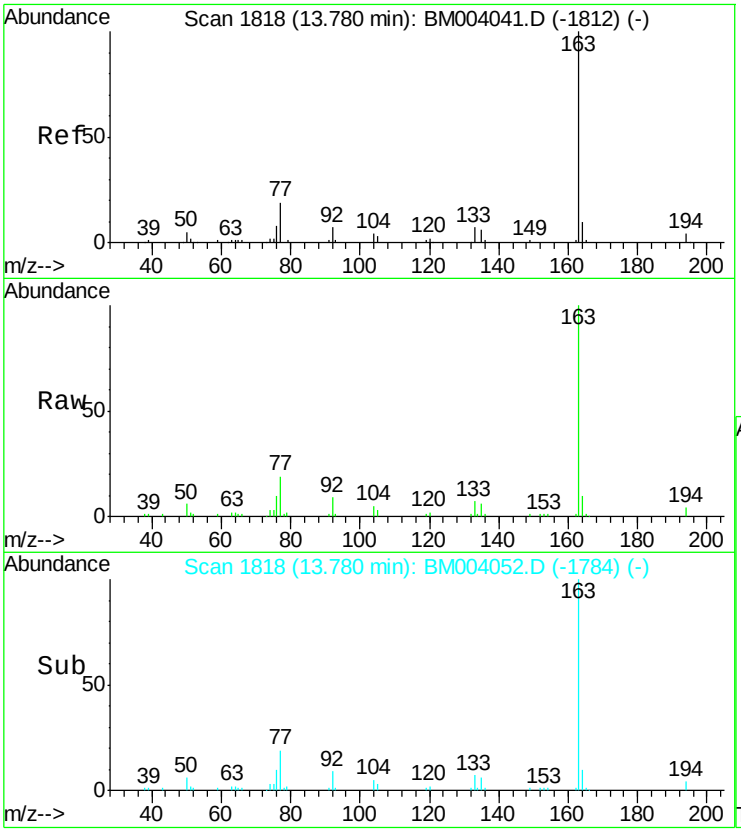
BC992

Quant Time: Jan 16 00:39:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 00:22:06 2016
Response via : Initial Calibration



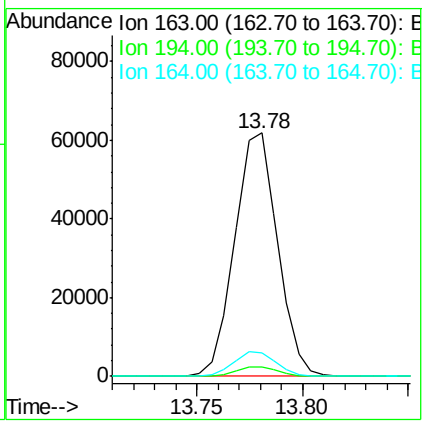


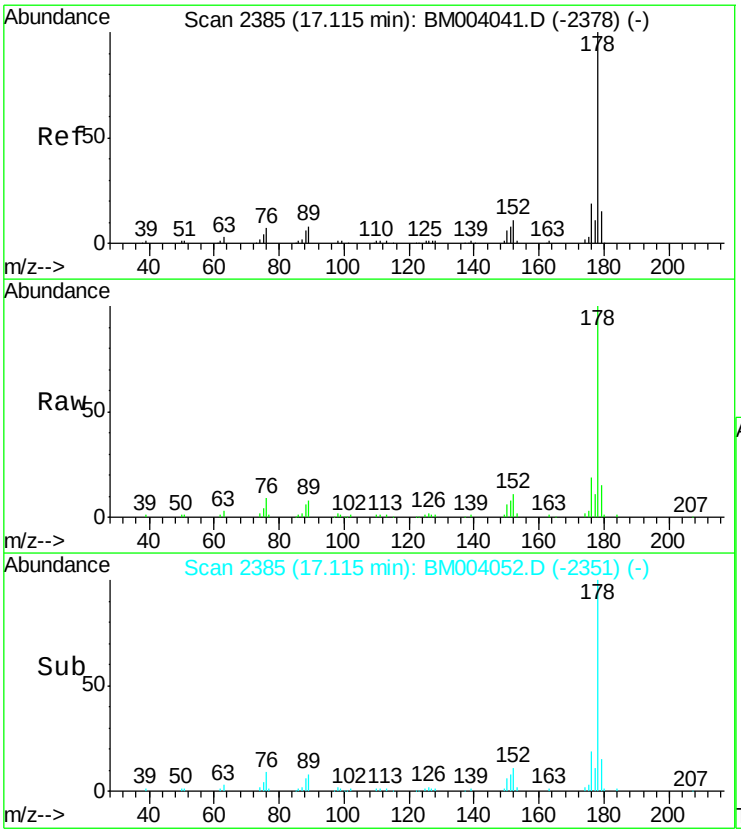
#45
Dimethylphthalate
Concen: 9.87 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Instrument :
BNA_M
ClientSampleId :
BC992

Tgt Ion:163 Resp: 87105

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.6	7.8	11.8

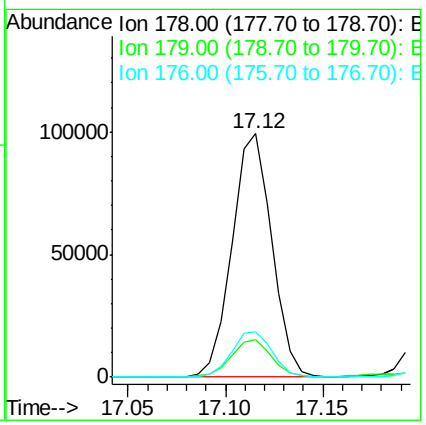


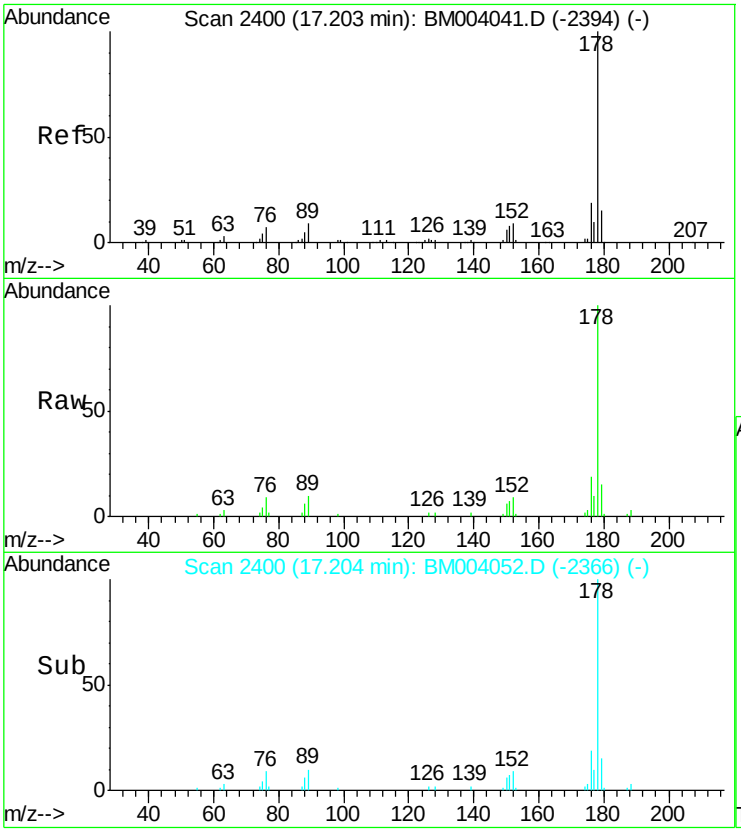


#70
Phenanthrene
Concen: 10.27 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Tgt Ion:178 Resp: 140010

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.8	15.6	23.4



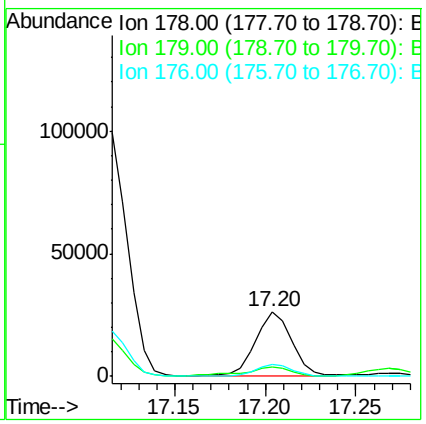


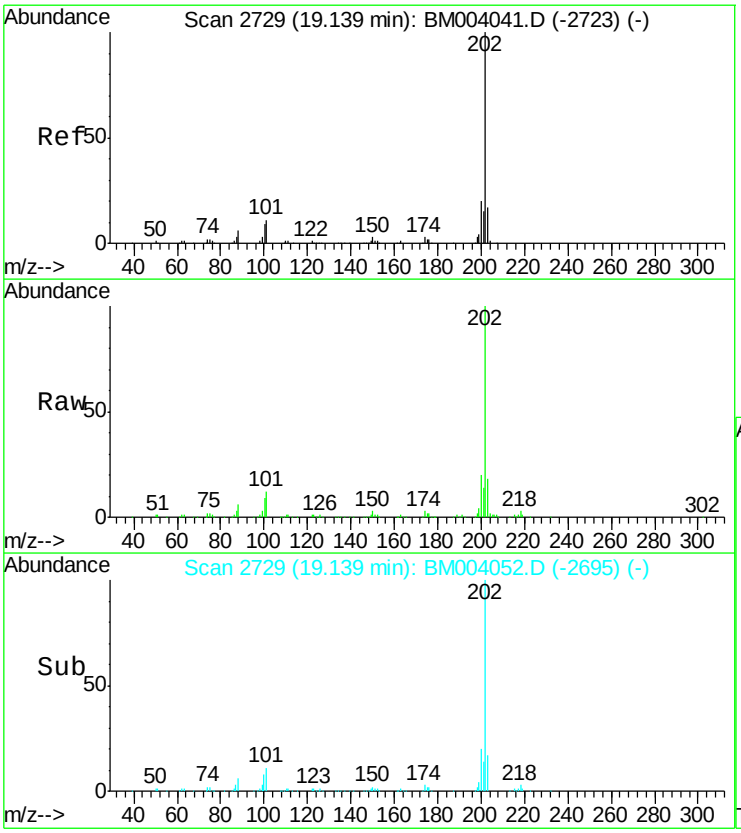
#72
Anthracene
Concen: 2.55 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Instrument :
BNA_M
ClientSampleId :
BC992

Tgt Ion:178 Resp: 35684

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	19.4	14.8	22.2

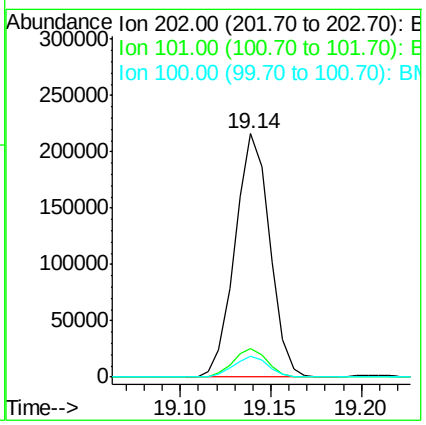


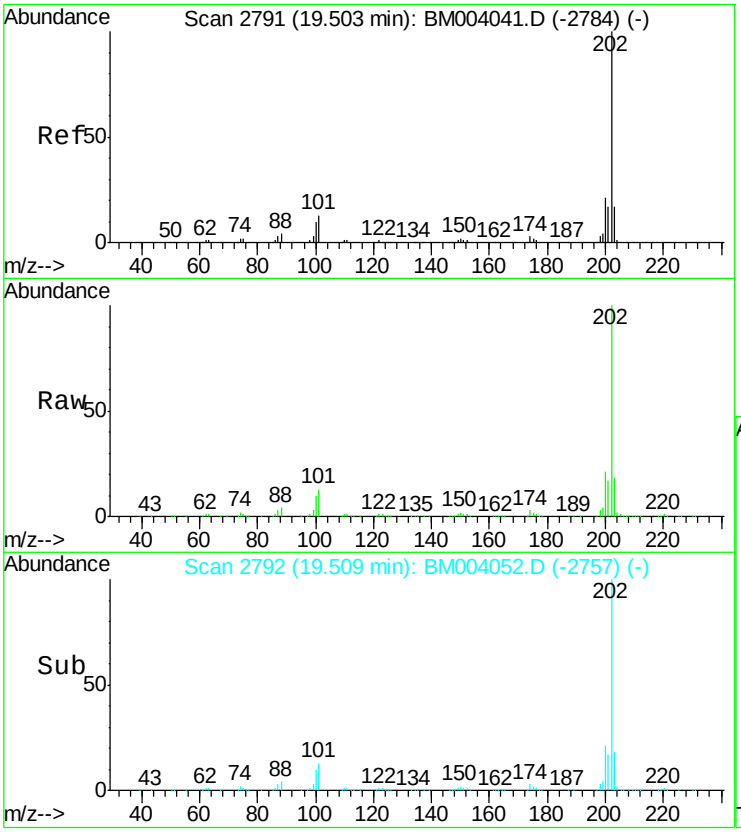


#77
Fluoranthene
Concen: 20.36 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Tgt Ion:202 Resp: 288439

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	8.7	6.6	9.8



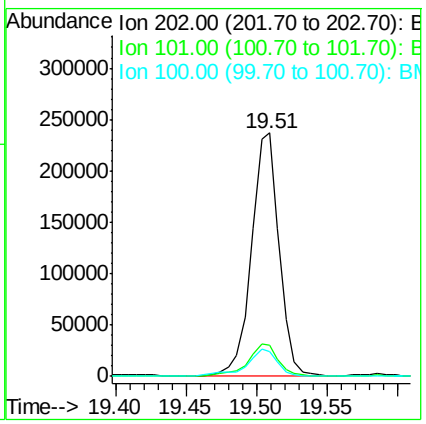


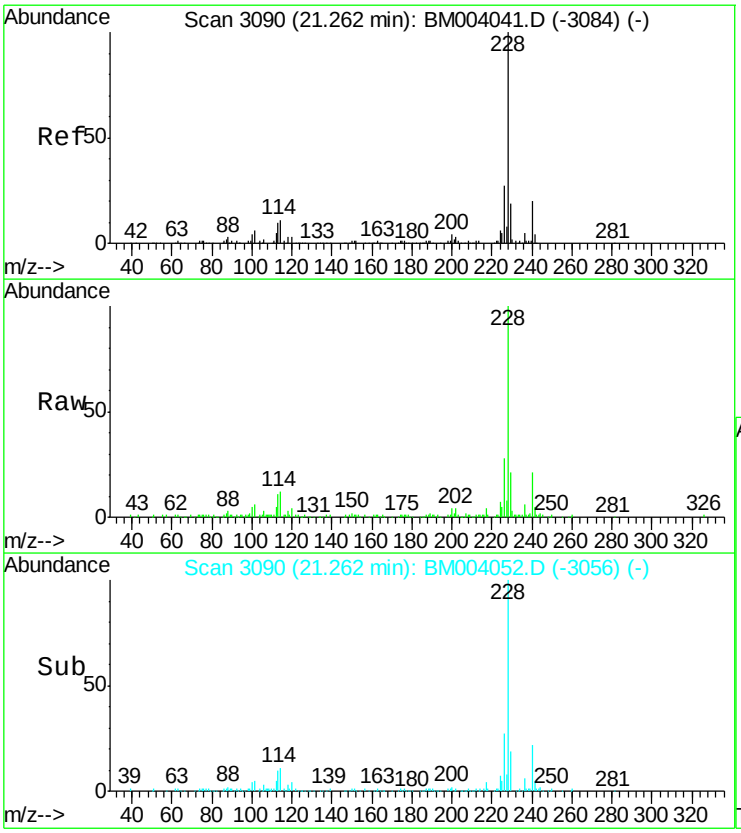
#80
Pyrene
Concen: 23.16 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Instrument :
BNA_M
ClientSampleId :
BC992

Tgt Ion:202 Resp: 325562

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.2	15.2
100	10.4	8.5	12.7

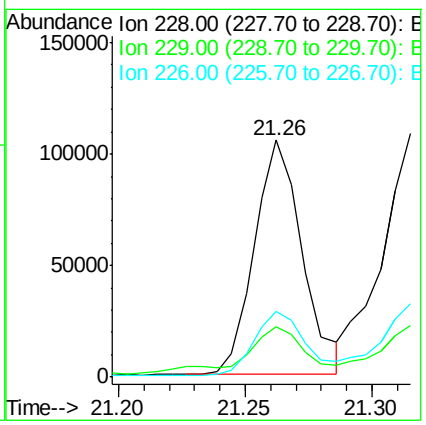


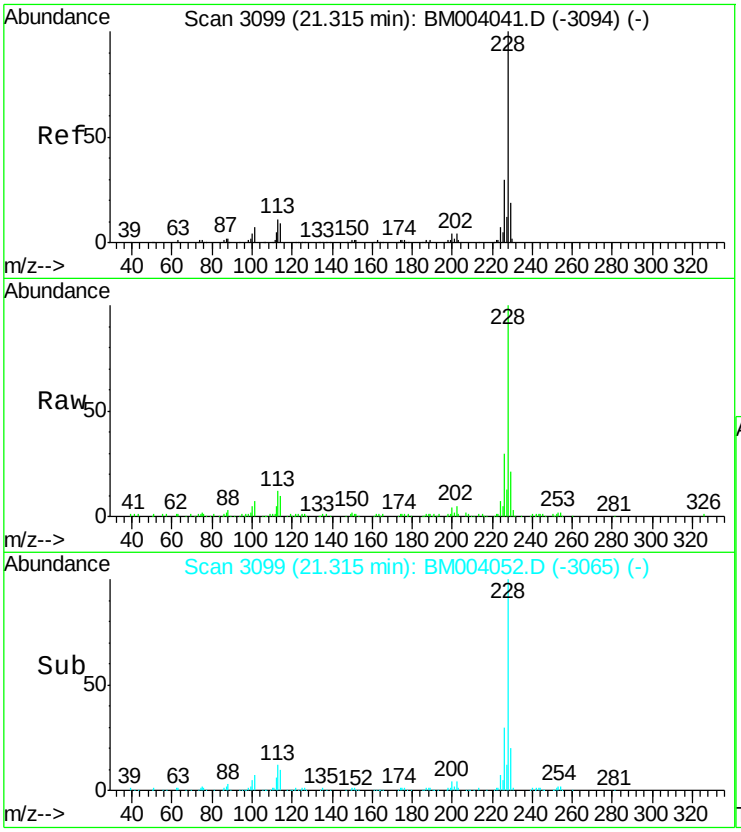


#83
Benzo(a)anthracene
Concen: 11.25 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Tgt Ion:228 Resp: 138747

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	27.9	21.8	32.6



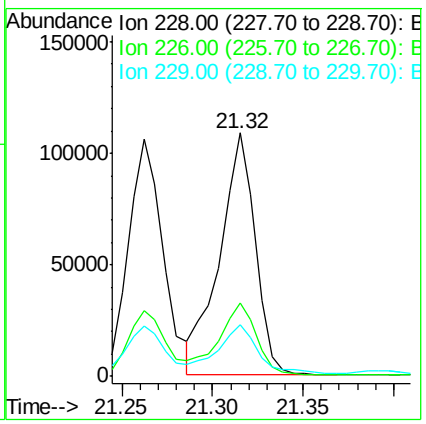


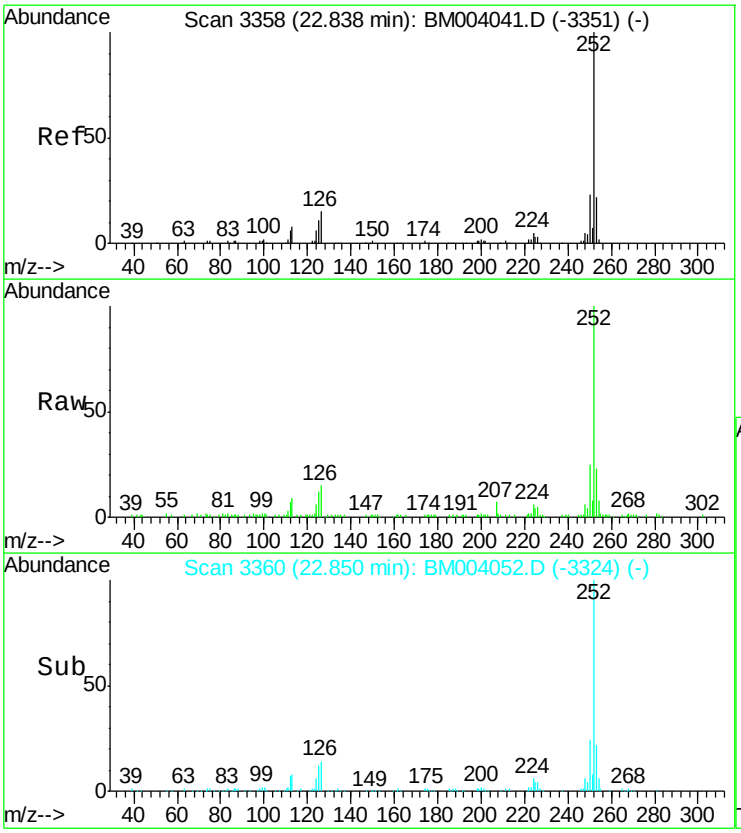
#85
Chrysene
Concen: 12.74 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Instrument :
BNA_M
ClientSampleId :
BC992

Tgt Ion:228 Resp: 149229

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	21.2	15.6	23.4

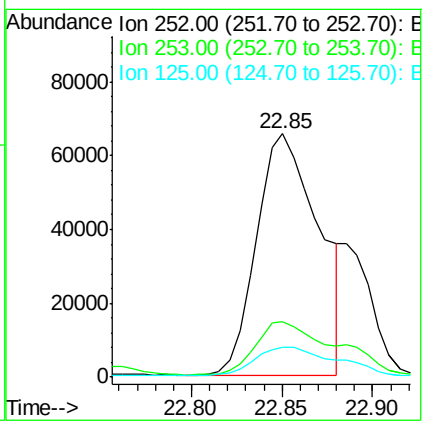


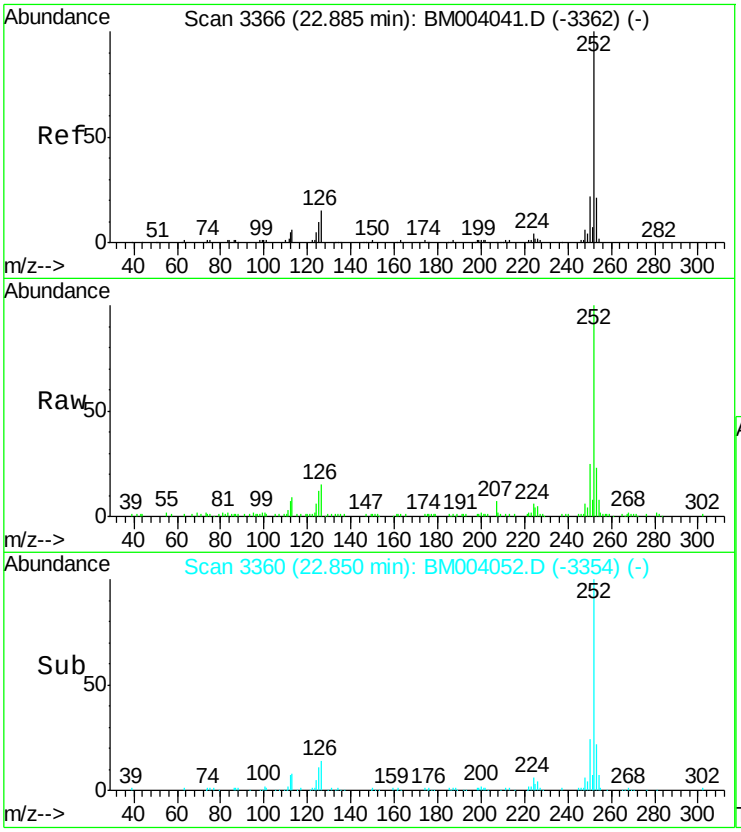


#88
Benzo(b)fluoranthene
Concen: 14.00 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Tgt Ion:252 Resp: 156197

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.1	8.5	12.7



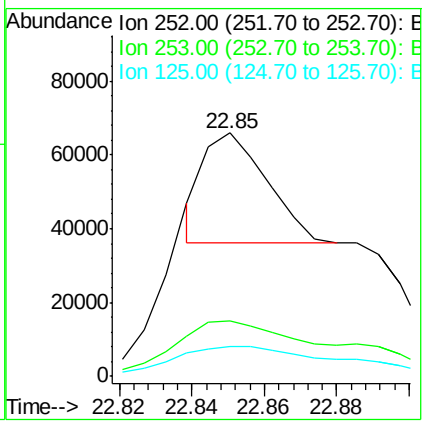


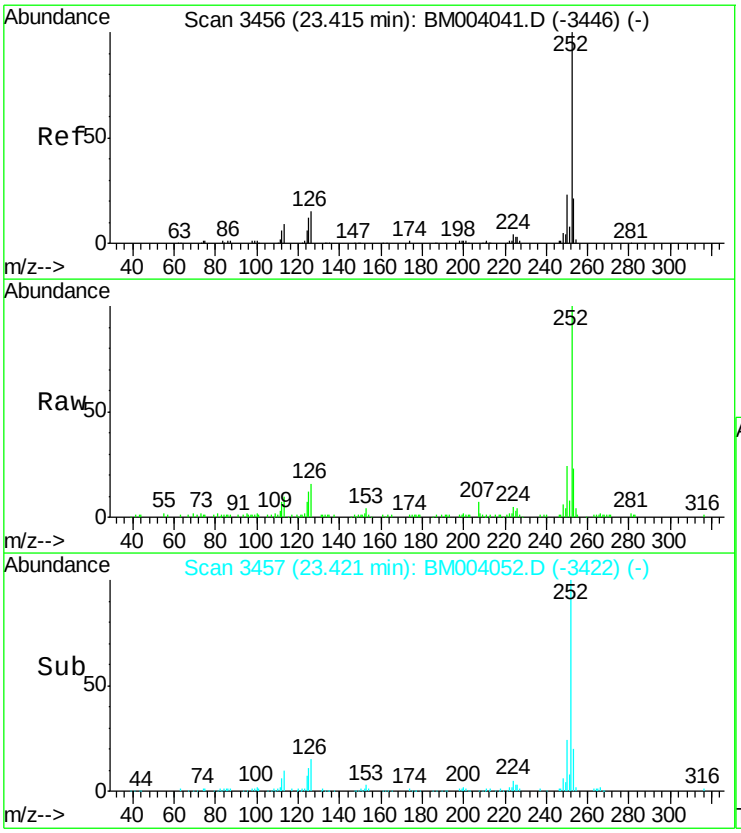
#89
Benzo(k)fluoranthene
Concen: 3.42 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Instrument :
BNA_M
ClientSampleId :
BC992

Tgt Ion:252 Resp: 36280

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.1	8.2	12.2

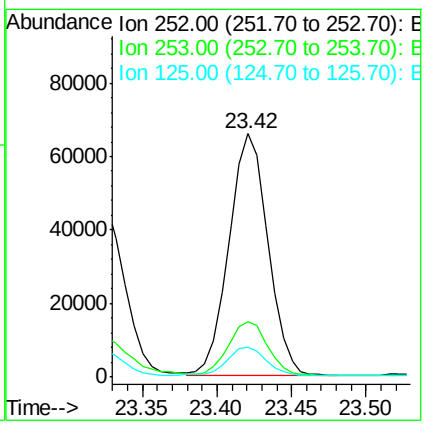


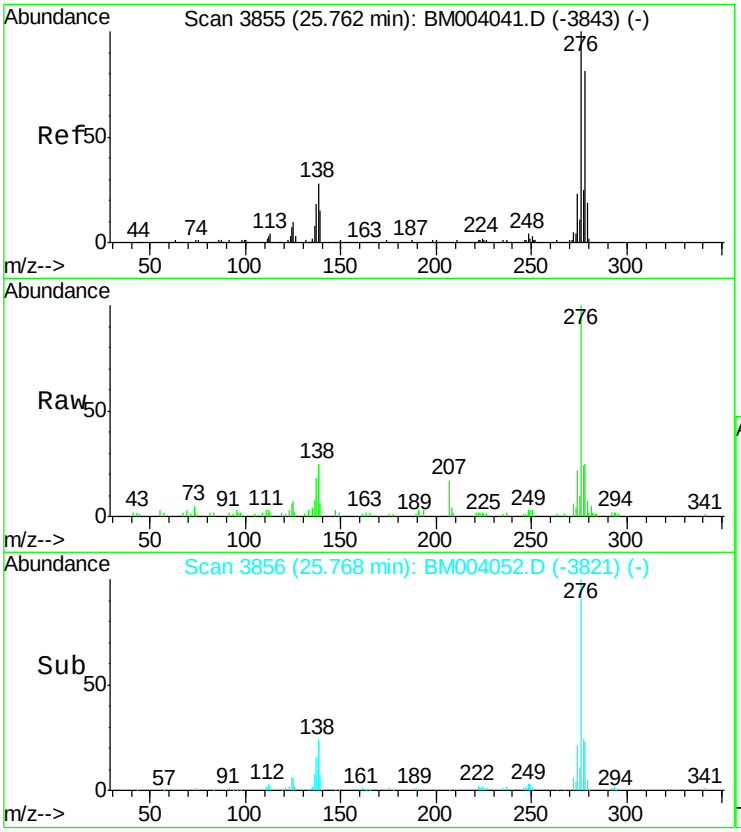


#91
Benzo(a)pyrene
Concen: 11.32 ng/ul
RT: 23.42 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Tgt Ion:252 Resp: 119813

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.3	9.0	13.6



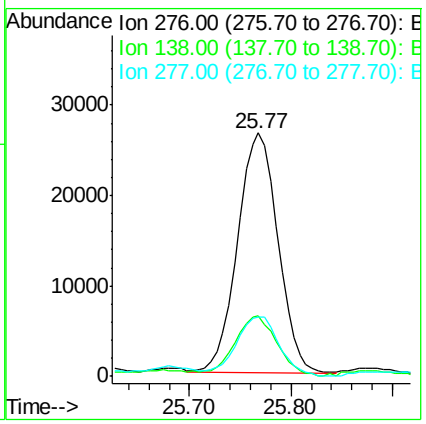


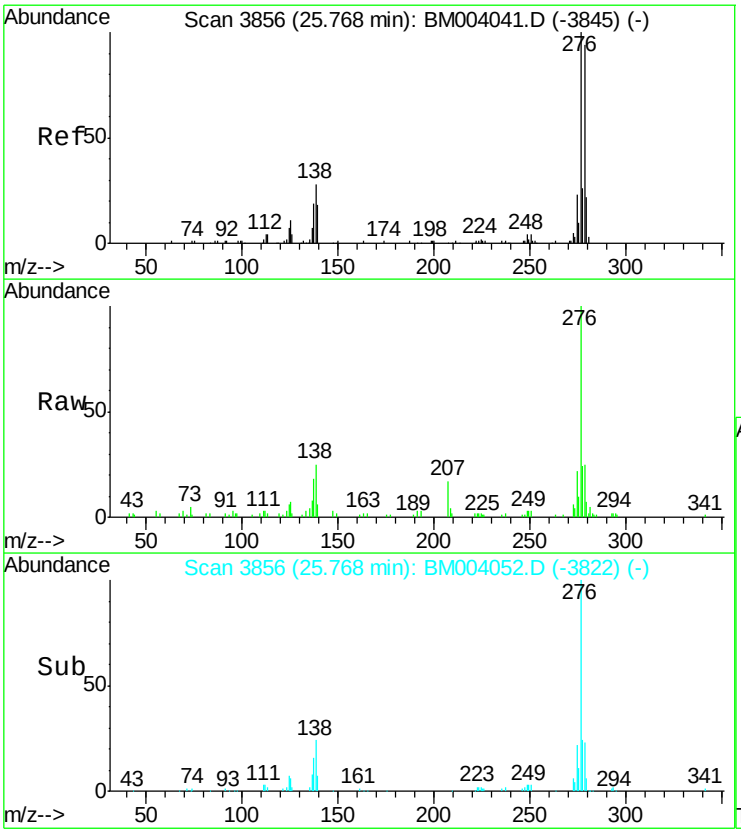
#92
Indeno(1,2,3-cd)pyrene
Concen: 6.26 ng/ul
RT: 25.77 min Scan# 3856
Delta R.T. 0.01 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Instrument :
BNA_M
ClientSampleId :
BC992

Tgt Ion:276 Resp: 73243

Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.3	33.5
277	24.4	20.2	30.2

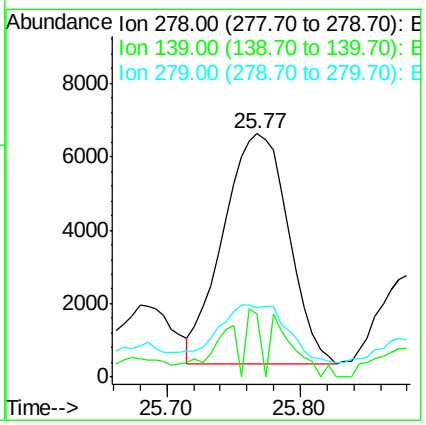


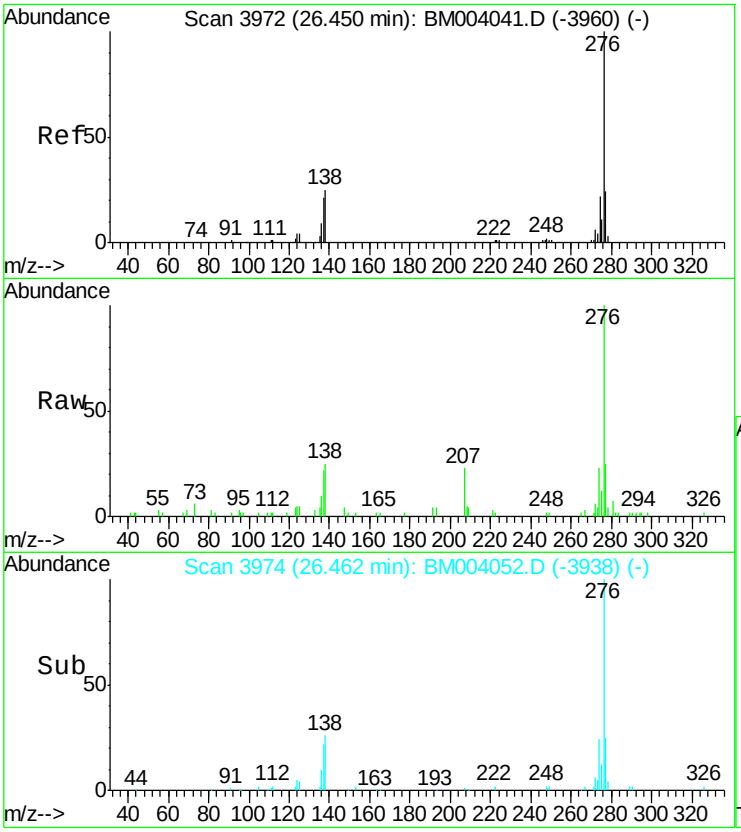


#93
Dibenzo(a,h)anthracene
Concen: 2.15 ng/ul
RT: 25.77 min Scan# 3856
Delta R.T. 0.00 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Tgt Ion:278 Resp: 21162

Ion	Ratio	Lower	Upper
278	100		
139	25.7	13.9	20.9#
279	28.8	19.0	28.4#





#94
Benzo(g,h,i)perylene
Concen: 6.49 ng/ul
RT: 26.46 min Scan# 3974
Delta R.T. 0.01 min
Lab File: BM004052.D
Acq: 15 Jan 2016 17:48

Instrument :
BNA_M
ClientSampleId :
BC992

Tgt Ion:276 Resp: 63835

Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.9	28.3
277	24.8	19.2	28.8