Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004008.D
Acq On : 14 Jan 2016 05:50
Operator : SJ/UM
Sample : H1098-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 14 12:55:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	43523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	211032	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	123900	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	272937	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	255493	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	211666	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	2789	2.87	ng/uL	0.00
5) Phenol-d5	6.84	99	67781	18.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	41699	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	58471	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	52444	17.91	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	30053	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	32656	18.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	56935	18.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	68280	16.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	193255	19.87	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	240918	20.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	20898	11.96	ng/ul	0.00
58) Fluorene-d10	15.32	176	173832	21.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	18515	12.03	ng/ul	0.00
71) Anthracene-d10	17.17	188	270698	21.44	ng/ul	0.00
79) Pyrene-d10	19.47	212	291723	22.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	230832	21.84	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.77	163	110166	11.11	ng/ul	99
70) Phenanthrene	17.11	178	108044	7.04	ng/ul	100
72) Anthracene	17.20	178	20383	1.29	ng/ul	99
77) Fluoranthene	19.14	202	212084	13.30	ng/ul	98
80) Pyrene	19.50	202	303757	17.51	ng/ul	98
83) Benzo(a)anthracene	21.26	228	116097	7.63	ng/ul	97
85) Chrysene	21.32	228	140835	9.74	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	113269	8.80	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	34265m	2.80	ng/ul	
91) Benzo(a)pyrene	23.41	252	96444	7.90	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	52472	3.89	ng/ul	95
93) Dibenzo(a,h)anthracene	25.76	278	17829	1.57	ng/ul#	80
94) Benzo(g,h,i)perylene	26.45	276	54938	4.85	ng/ul	98

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

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Misc :
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Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 14 12:55:18 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
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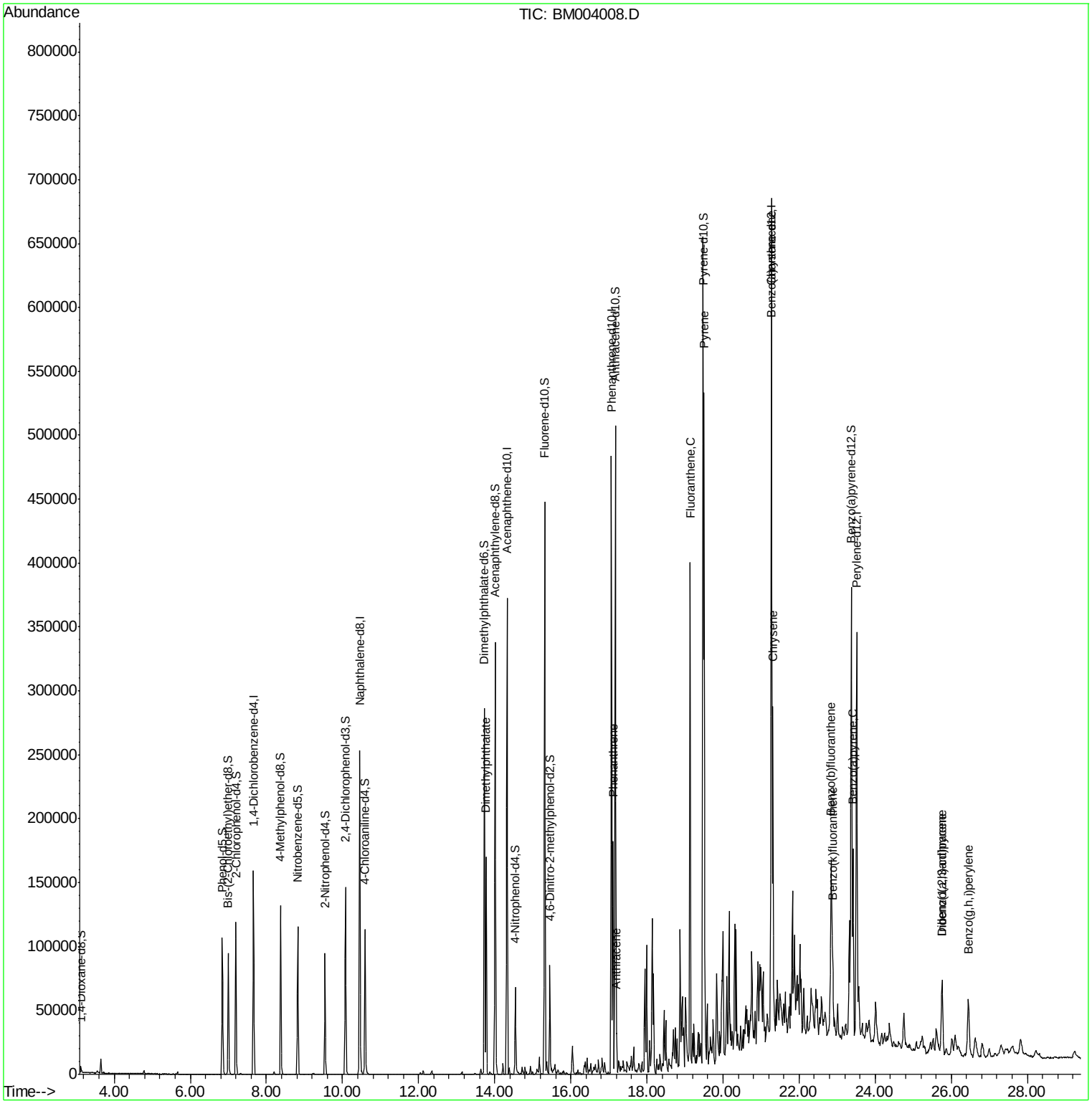
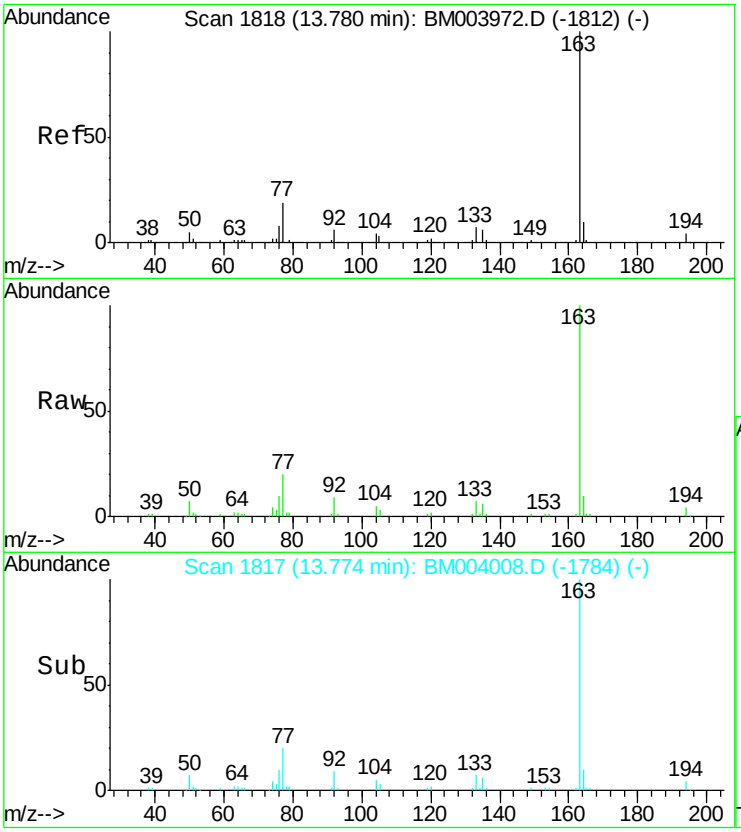


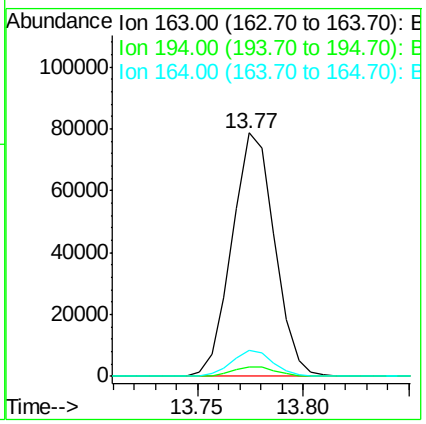


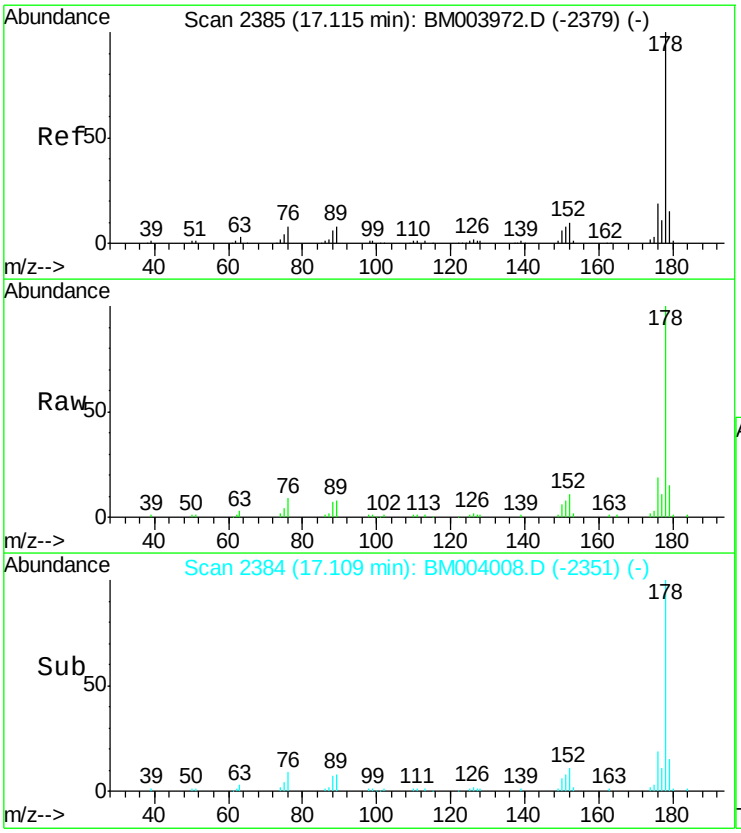
#45
Dimethylphthalate
Concen: 11.11 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 110166

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.4	7.8	11.8

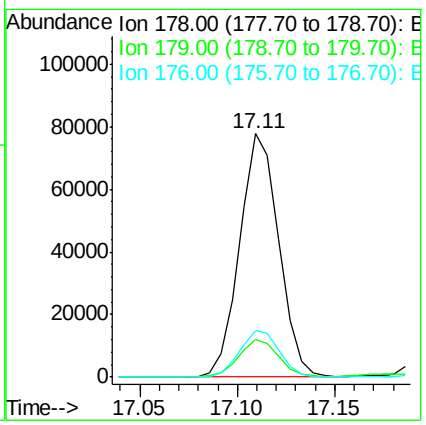


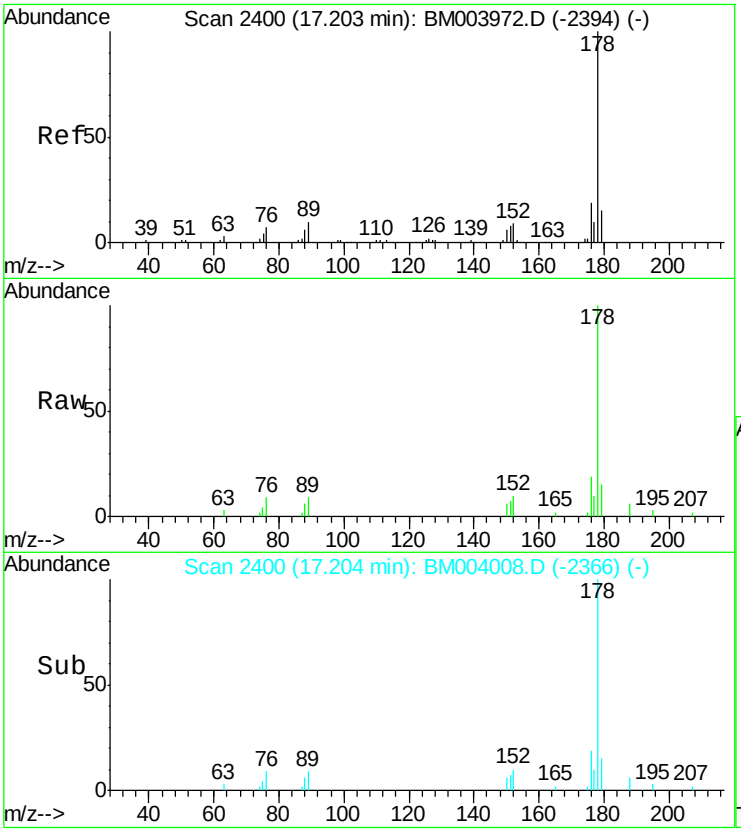


#70
Phenanthrene
Concen: 7.04 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Tgt Ion:178 Resp: 108044

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.2	15.6	23.4



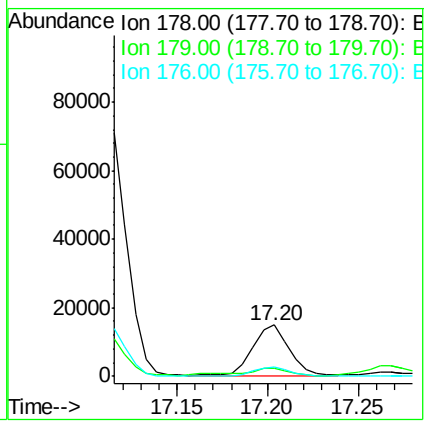


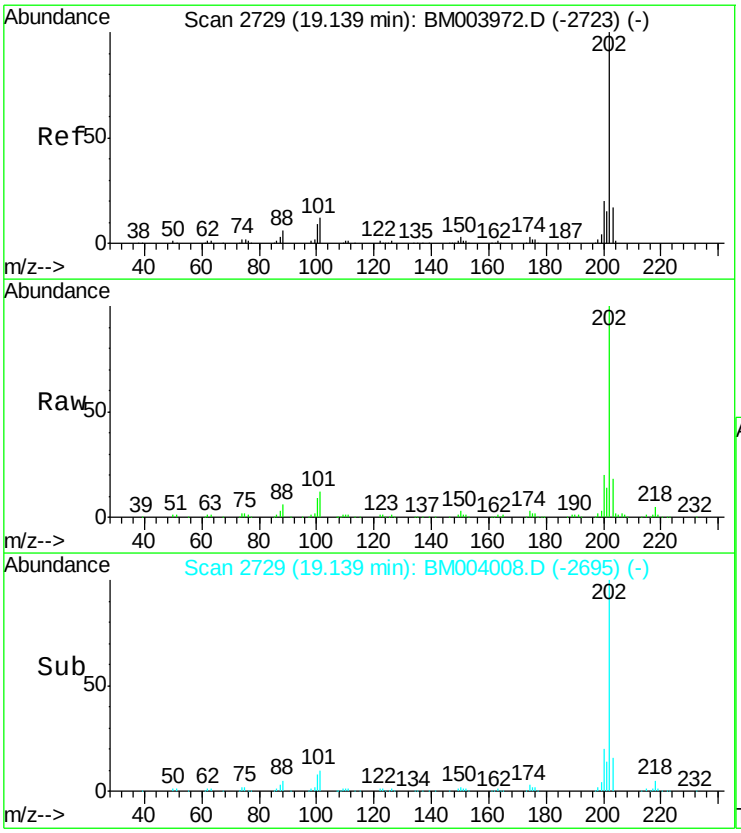
#72
Anthracene
Concen: 1.29 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 20383

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.1	18.1
176	18.8	14.8	22.2

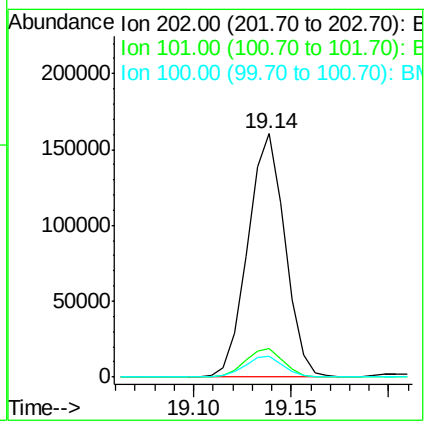


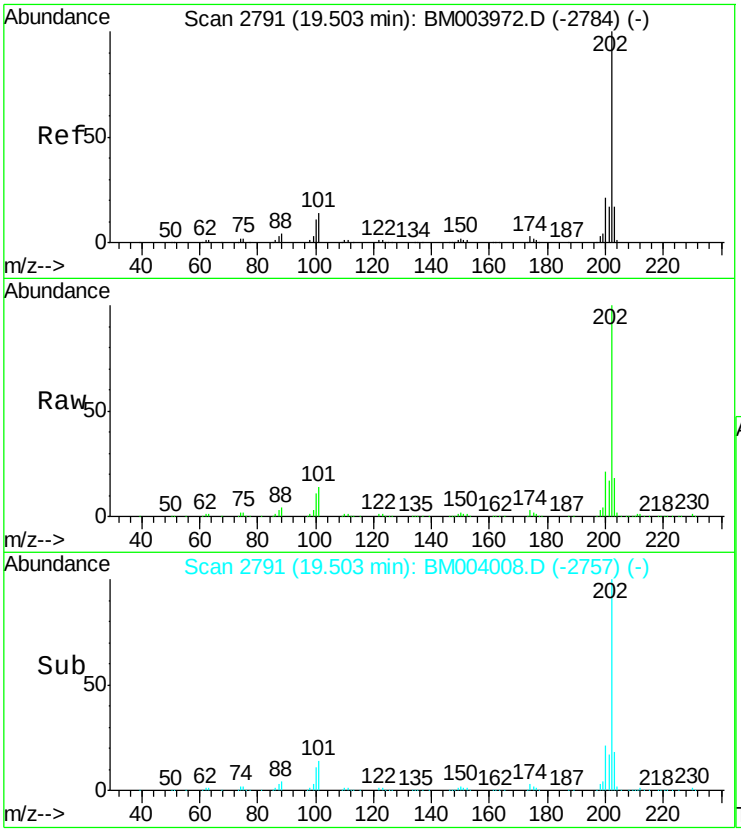


#77
Fluoranthene
Concen: 13.30 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Tgt Ion:202 Resp: 212084

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
100	8.7	6.6	9.8



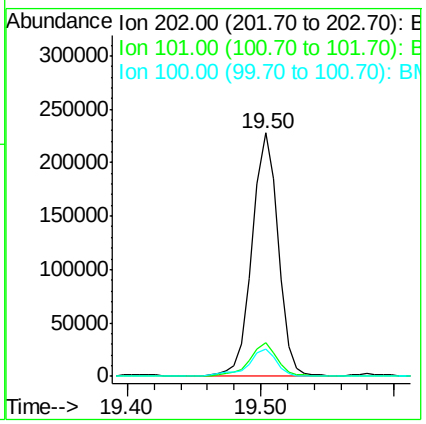


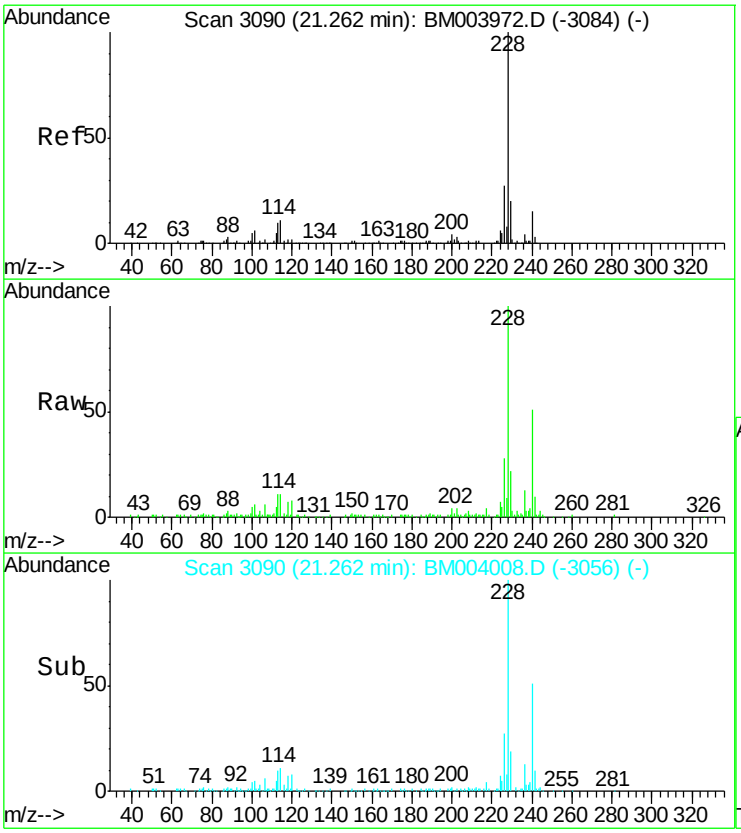
#80
Pyrene
Concen: 17.51 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 303757

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.2	15.2
100	11.1	8.5	12.7

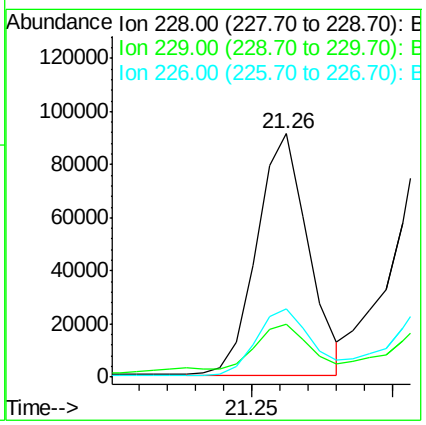


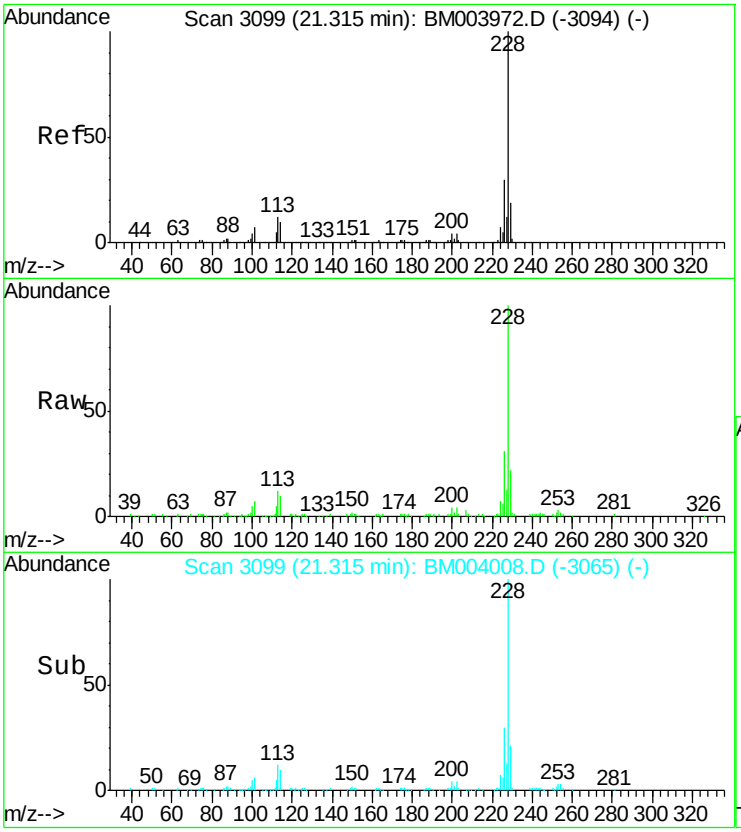


#83
Benzo(a)anthracene
Concen: 7.63 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Tgt Ion:228 Resp: 116097

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	28.3	21.8	32.6



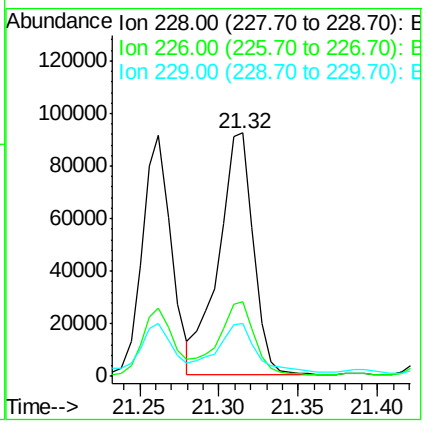


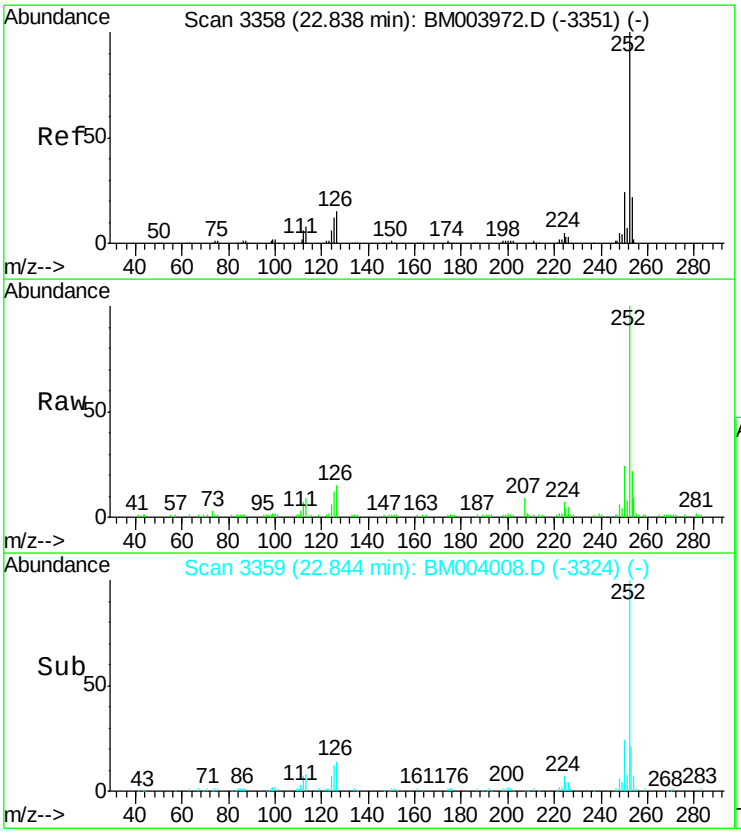
#85
Chrysene
Concen: 9.74 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 140835

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	21.9	15.6	23.4

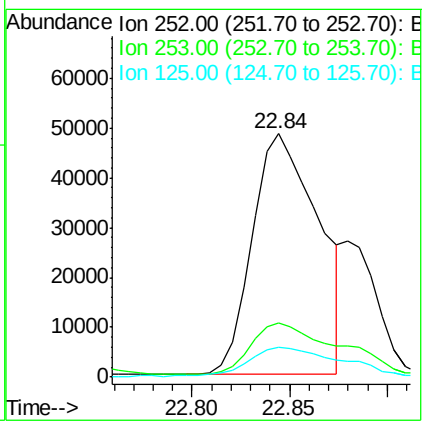


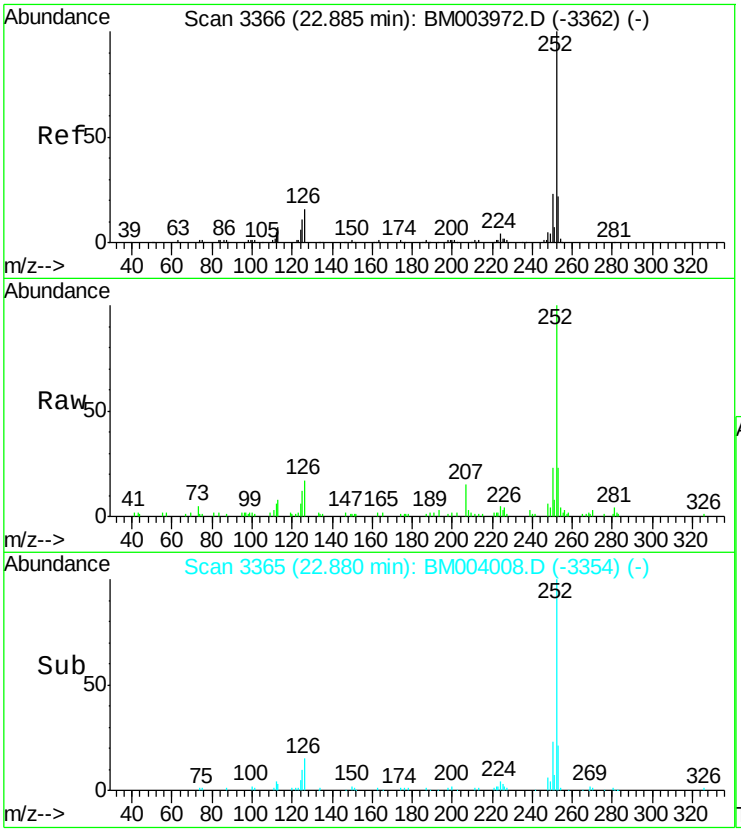


#88
Benzo(b)fluoranthene
Concen: 8.80 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Tgt Ion:252 Resp: 113269

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.4	8.5	12.7



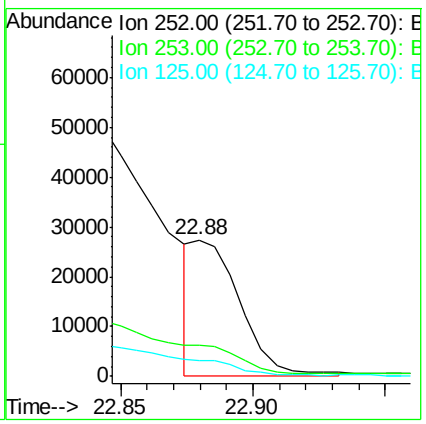


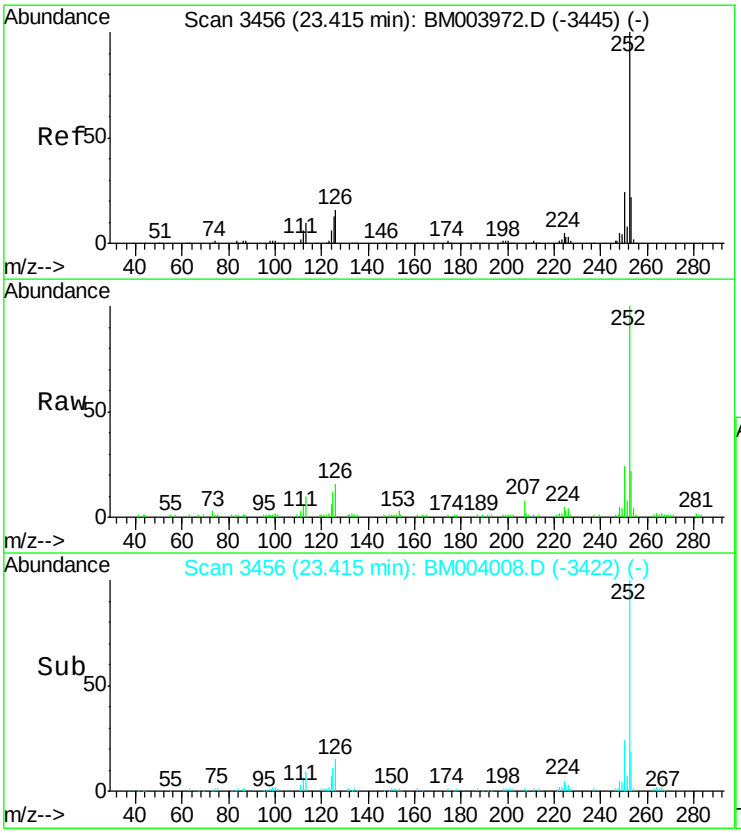
#89
Benzo(k)fluoranthene
Concen: 2.80 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 34265

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	11.7	8.2	12.2

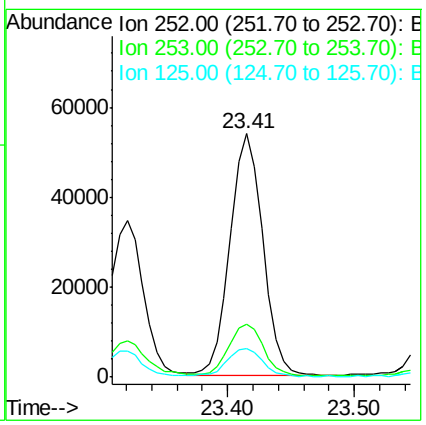


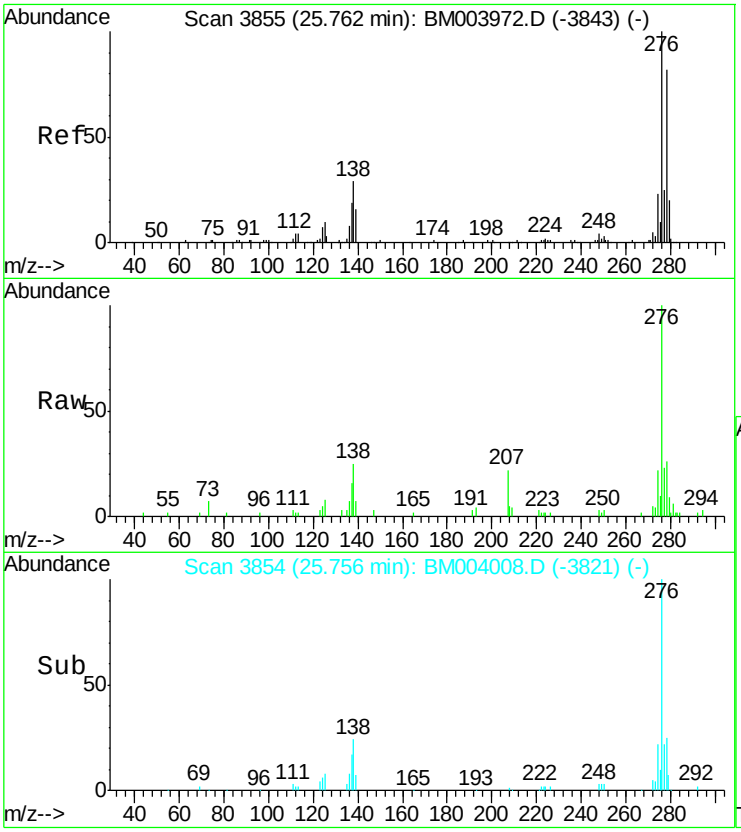


#91
Benzo(a)pyrene
Concen: 7.90 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Tgt Ion:252 Resp: 96444

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.9	9.0	13.6



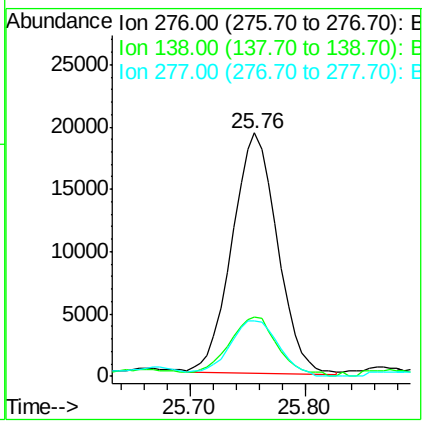


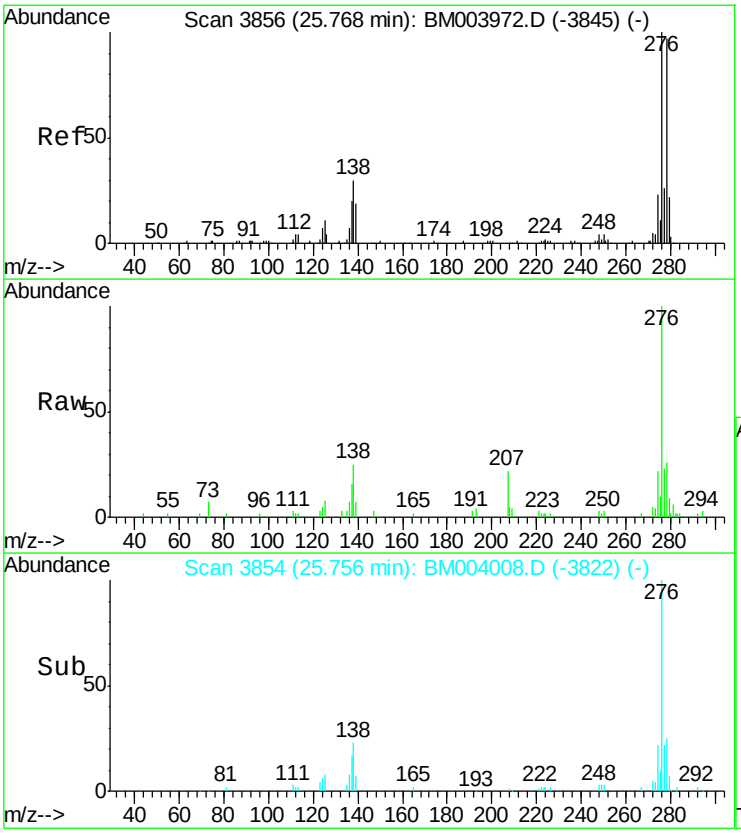
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.89 ng/ul
RT: 25.76 min Scan# 3854
Delta R.T. -0.01 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 52472

Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.3	33.5
277	23.0	20.2	30.2

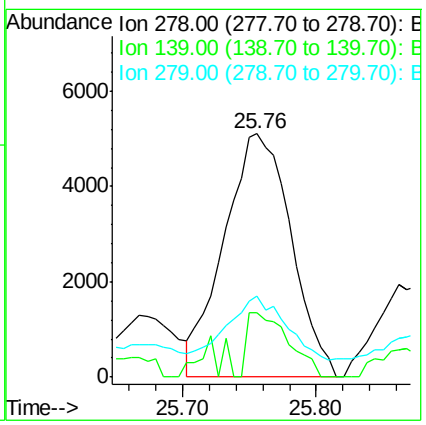


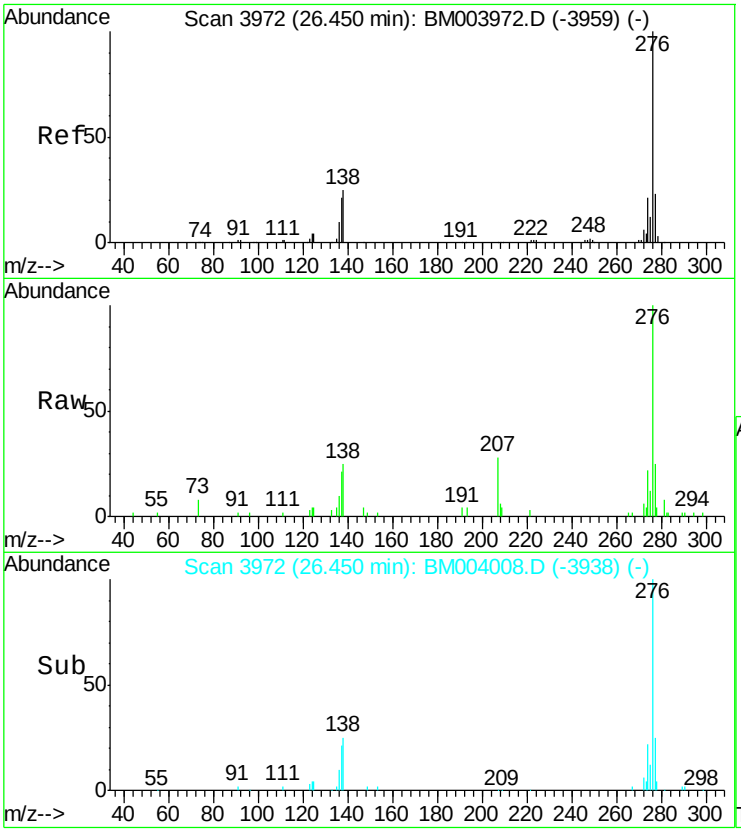


#93
Dibenzo(a,h)anthracene
Concen: 1.57 ng/ul
RT: 25.76 min Scan# 3854
Delta R.T. -0.01 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Tgt Ion:278 Resp: 17829

Ion	Ratio	Lower	Upper
278	100		
139	26.4	13.9	20.9#
279	33.4	19.0	28.4#





#94
Benzo(g,h,i)perylene
Concen: 4.85 ng/ul
RT: 26.45 min Scan# 3972
Delta R.T. 0.00 min
Lab File: BM004008.D
Acq: 14 Jan 2016 05:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 54938

Ion	Ratio	Lower	Upper
276	100		
138	25.1	18.9	28.3
277	24.8	19.2	28.8